

# CHANDAN SINGH

## Skills Summary

<b>Languages:</b>	<b>Python</b> , Java, GO, JavaScript, Typescript, ReactJS, AngularJS, Nodejs, JQuery, HTML, CSS.
<b>1<sup>st</sup> &amp; 2<sup>nd</sup> Languages:</b>	<b>Python &amp; Java.</b>
<b>Native languages:</b>	C, C++.
<b>AI Components:</b>	<b>ML, DL, NLP, LLM, Neural Network, Machine Vision, Voice Recognition</b> , Human Intelligence etc.
<b>AI Type:</b>	<b>Generative AI, Conversational AI, Cognitive AI.</b>
<b>LLM Models</b>	<b>chatGPT, Bard/Gemini, PaLM, LLaMA 2, Falcon 180B, Bloom, Claude, Cohere, Mistral etc.</b>
<b>AI ChatBot:</b>	<b>AWS Lex, Google Dialogflow, RASA, IBM Watson Assistant etc.</b>
<b>AI Libraries:</b>	<b>TensorFlow, Keras, PyTorch, NLTK, Spacy, openCV, coreNLP, Textblob, Scipy, scikit-learn, matplotlib, scikit-image, COCO, YOLO, HRNet etc.</b>
<b>Frameworks:</b>	<b>Langchain</b> , Django, Flask, FastAPI, Spring Boot 2, Microservices, Hibernate etc.
<b>LLM Serving Framework:</b>	<b>vLLM, openLLM, TGI, Triton, Ray Serve, MLC LLM, CTranslate2 etc.</b>
<b>Databases:</b>	<b>FAISS, Chroma, Pinecone, Milvus</b> , Oracle, MySQL, MongoDB, Sybase, Neo4J, GraphDB etc.
<b>Front End Technologies:</b>	JavaScript, Typescript, ReactJS, JQuery, AngularJS, Nodejs, GraphQL, HTML5, CSS3 etc.
<b>CSS Framework:</b>	Material UI, Bootstrap, etc.
<b>Methodology:</b>	Agile, Waterfall methodology.
<b>Build Tool:</b>	PIP, Apache Maven & Gradle etc.
<b>SCM &amp; Others Tools:</b>	GIT & BitBucket & JIRA & Jenkins & Docker & Putty, Postman, SOAP UI etc.
<b>Developer Tool:</b>	PyCharm, Anaconda, Eclipse, IntelliJ, WebStorm, Clion, etc.
<b>Performance Analysis T:</b>	cProfile, line-profiler, guppy, memory-profiler etc.
<b>Web &amp; Application Server:</b>	Apache Tomcat 6.0, 7.0, 8.0, 9.0 & JBoss-6.3.2
<b>Broker:</b>	Redis, Kafka, ActiveMQ, RabbitMQ etc.
<b>Testing Framework:</b>	PyTest, Unittest, DocTest, Nose2, Testify, Robot, JUnit, Mockito, PowerMock etc.
<b>Logging Framework:</b>	Logging, Loguru, LogBook, Structlog, Picologging, SLF4J, Logback, Log4j, etc.
<b>Operating systems:</b>	Linux, Windows.
<b>Cloud Services:</b>	<b>Amazon Web Services (AWS), Microsoft Azure, Google Cloud, Oracle Cloud.</b>
<b>Cloud Platform:</b>	<b>IaaS, SaaS, PaaS, DaaS.</b>
<b>Design Pattern:</b>	Creational, Structural, Behavioral Design Pattern.
<b>Domain Expertise:</b>	Telecom, Banking, Finance, Capital Market, Retail, ERP etc.

## Professional Summary

- **12+ Years** of experience in **AI & ML/DL & NLP, LLM** Development using various technologies.
- Experience in **Cognitive AI, Generative AI, Conversational AI** solution implementation.
- Expertise into **AI algorithm implementation for supervised/Unsupervised/Re-enforcement Learning and other AI implementation etc.**
- Expertise in **ML, NLP, LLM, Deep Learning, Online/Incremental learning etc.**
- **Expertise in opensource LLM tuning and deployment, Model like LLaMA2, Mistral, Bloom, MPT, Gemma etc.**
- **Expertise in LLM model quantization and Hardware specification (GPU/VRAM/CPU/CORE) for fast LLM inference.**
- Expertise in **implementation of Large multimodal like Gemini etc. into application solution.**
- Expertise in **implementation of LLM models like Bert, chatGPT (OpenAI and other model), PaLM, Bard/Gemini AI, LLaMA, Falcon, Bloom, Claude, Cohere etc.**
- Expertise in **Transfer Learning by using Google Bert Model and another custom model.**
- Expertise in **ML pipeline and ML cluster on AWS/GCP/Azure.**
- Expertise in **Model hyper parameters tuning and Model Training.**
- Expertise in **Unsupervised Topic modeling like LDA, LSA, NMF etc.**
- Expertise in **Model Training based big data using GPU/TPU Support etc.**
- Expertise in **Ray cluster for running ML or Non-ML tasks on multiple nodes parallel.**

- Experience in dimensionality reduction techniques using PCA and PLS technique.
- Proficiency into Detect patterns using PCA-SVM technique.
- Expertise in **Artificial Intelligence Libraries and Modules like NLTK, Spacy, coreNLP, Textblob, Scipy, scikit-learn, Tensorflow, Keras, pytorch, gensim, SymPy, nose, pypiwin32, scikit-image, COCO, YOLO, HRNet etc.**
- Expertise in Python Libraries and Modules like matplotlib, numpy, pandas, openpyxl, docx, pptx, csv, linecache, pyautogui, pyhook, pywinauto, scipy, html5lib, py-translate, sys, os etc.
- Proficiency in latest Python and Django and Flask framework.
- Strong database skill using **FAISS, Chroma, Pinecone, Milvus**, Oracle, MySQL, Mongo DB, Sybase, Neo4J etc.
- Proficiency in Python 2/3 and its Implementation like Jython, Cython etc.
- Expertise in Core Java, J2SE (Swing, AWT, Event), J2EE (Servlet, JSP, JSTL), Struts, Spring, Hibernate, JDBC Technology.
- Expertise in latest Spring Boot framework and Microservices.
- **Expertise in AWS Platform like EC2, RDS, VPC, S3, Outposts, ELB, Sagemaker, Security Groups, Lambda Function etc.**
- **Expertise in Ontology & Semantic Web Data Storage and RDF/OWL mapping.**
- **Expertise in schema and design semantic data model on OWL, Triples, RDF etc.**
- Expertise in **Apache Jena Fusuki Server and GraphDB** and protege etc. • Proficiency in latest **PySpark** framework • Proficiency in latest **Spark** and **Dask**.
- Expertise in Restful and Soap Web Services.
- Expertise in writing the any application architecture from scratch.
- Expertise in code review and code sanitization & code refactoring and testing/debugging etc.
- Expertise in object-oriented programming (oops) and design pattern and design principal implementation.
- Expertise in core and framework level programing for best solution.
- Good knowledge of code optimization, reducing code redundancies and writing clear & loosely coupled code & logic.
- Expertise in writing stories and their points into any sprint and applying agile methodology implementation.
- Have experience in technical team lead and Individual technical contributor as well.

## Area of R&D and Interest

### ✓ Artificial Intelligence Programming within Python.

**Machine Learning.**  
**Deep Learning**  
**Natural Language**  
**Processing Large Language**  
**Model Voice Recognition.**  
**Neural Networks.**  
**Machine Vision.**  
**Genetic Algorithms.**

### ✓ Core and Advance Python.

### ✓ Artificial Intelligence Algorithms Experience –

S. No	Algorithm Name	Years of Experience
1	Random Forest	12
2	Stochastic Gradient Decent (SGDC)	12

3	Naive Bayes	10
4	Support Vector Machine (SVM)	10
5	XGBoost	9
6	Decision Tree	9
7	K-Nearest Neighbor	12
8	Principal Component Analysis (PCA)	8
9	Logis c Regression	12
1 0	Latent Dirichlet Alloca on (LDA)	8
1 1	K-Means Clustering	7
1 2	RNN, LSTM, GRU	10
1 3	CNN, Fast-RCNN, Faster RCNN	10
1 4	ANN	11

## Employment History

- Working with **Sroniyen Technology, Noida** from April 2014 to presently as a **Senior AI Architect**.

## Projects Undertaken

### 1. CISCO BPLO ChatBot

**Client :** Cisco Systems, Inc.

**Technology Used:** LLM (OpenAI-chatGPT), ML, DL, NLP, Langchain, Python, Flask, Microservices, **Milvus**, MYSQL, **Redis**, Web services (RESTful/Soap), JavaScript, TypeScript, ReactJS, HTML5, CSS, Json, XML, Azure Cloud etc.

**Methodology used:** Agile.

**Team Size:** 10.

**Job Role:** AI Architect.

**Description:** The Scope of this application is to develop Cisco Sale Chatbot by using OpenAI chatGPT and **ML/NLP**. Cisco have many cisco enterprise agreement ordering guide and Buying Programs and Sales processes. This chatBot can handle all queries and support for end customers-based RAG based chatbot.

**“Main agenda of this chatbot is to provide to customer support for cisco buying programs and sale processes”.**

### Role and Responsibilities

- Involved in understanding the requirement document and getting the clarifications from requirement team.
- Write the Application Architecture and technical design documents for the solution.
- Implementing the LLM Model APIs and writing the various prompts for LLM.

- Implementing the function calling and various chains like ConversationalRetrievalChain and ConversationalChain etc.
- Test the chatbot and improve its accuracy.
- Deploy the chatbot on cloud and make it deliverable to solution.
- Write reusable business logic/ API to support on business layer.
- Communicating with testers, giving clarifications, and resolving problems.
- Issues fixing during system testing.

## 2. AI Interviewer

**Client :** rStar

**Technology Used:** LLM (LLaMA, Bloom), ML, DL, NLP, Langchain, Python, Flask, Microservices, Milvus, MYSQL, Redis, Web services (RESTful/Soap), JavaScript, TypeScript, ReactJS, HTML5, CSS, Json, XML, Azure Cloud etc.

**Methodology used:** Agile.

**Team Size:** 10.

**Job Role:** AI Architect.

**Description:** The Scope of this application is to develop AI Interviewer Platform by using LLaMa, Bloom and ML/NLP. Client required to virtual interviews and follow-ups with candidate over the WhatsApp. This Platform can do interviews for any technical candidate like Java, Python, ML engineers, Project Manager etc. and able to follow-ups with candidate for attending the interviews. Application can be able to show result dashboard for interviews. Platform can generate interview question and assignments for candidate and able to understand the candidate's answer for calculating scores.

**“Main agenda of this platform is to automate the entire recruitment processes for technical or no technical candidates.”**

### Role and Responsibilities

- Involved in understanding the requirement document and getting the clarifications from requirement team.
- Write the Application Architecture and technical design documents for the solution.
- Implementing the LLM Model APIs and writing the various prompts for LLM.
- Implementing the function calling and various chains like ConversationalRetrievalChain and ConversationalChain etc.
- Test the chatbot and improve its accuracy.
- Deploy the chatbot on cloud and make it deliverable to solution.
- Write reusable business logic/ API to support on business layer.
- Communicating with testers, giving clarifications, and resolving problems.
- Issues fixing during system testing.

## 3. Kognetics v2.0.0

**Client :** StrateSphere LLC.

**Technology Used:** Artificial Intelligence (ML, DL, NLP, Neural Network Etc.), Supervised/Unsupervised ML, Python, Flask, Java, Spring Boot 2, Microservices, Hibernate, Web services (RESTful/Soap), JavaScript, TypeScript, ReactJS, HTML5, CSS, Json, XML, MYSQL, Neo4J, GraphDB etc.

**Methodology used:** Agile.

**Team Size:** 10.

**Job Role:** AI Architect.

**Description:** The Scope of this application is to provide generic platform to business decision by **ML**. This application provides business decision using trained ML models along with business analysis and good graphical visualization.

**“Main agenda of this application is to provide to E2E Business AI Decision Services Management”.**

#### **Role and Responsibilities**

- Involved in understanding the requirement document and getting the clarifications from requirement team.
- Write the Application Architecture and technical design documents for the solution.
- Deciding the suitable ML algorithm and infrastructure to train the model.
- Implementing the ML algorithm and training the model.
- Hyper tuning the model parameters for best model accuracy.
- Test the model and improve the accuracy.
- Deploy the trained model on cloud and make it deliverable to solution.
- Write reusable business logic/ API to support on business layer.
- Communicating with testers, giving clarifications, and resolving problems. ● Issues fixing during system testing.

#### **4. Business Signal Predictor**

**Client :** StrateSphere LLC.

**Technology Used:** Artificial Intelligence (ML, DL, NLP, Neural Network Etc.), Supervised/Unsupervised ML, Transfer Learning, Incremental Learning, Python, Flask, MYSQL, Neo4J, GraphDB etc.

**Methodology used:** Agile.

**Team Size:** 5.

**Job Role:** AI Architect.

**Description:** This project has scope to detect the business signals of any target company like FUNDING, ACQUISITION, NEW\_OFFICE\_OPENING, CEO\_HIRED etc. and other more than 500 signals. in this project, we have developed good web scraping microservice to collect live signal from internet and many unstructured sources like google news, company website, CrunchBase and others then we used these data to train ml models for predicting signals. All signals are being saved into RDF/GraphDB. all information is being utilized into very completed calculation to generate business decision.

#### **Role and Responsibilities**

- Involved in understanding the requirement document and getting the clarifications from requirement team.
- Write the Application Architecture and technical design documents for the solution.
- Deciding the suitable ML algorithm and infrastructure to train the model.
- Implementing the ML algorithm and training the model.
- Hyper tuning the model parameters for best model accuracy.
- Test the model and improve the accuracy.
- Deploy the trained model on cloud and make it deliverable to solution.
- Write reusable business logic/ API to support on business layer.

- Communicating with testers, giving clarifications, and resolving problems.
- Issues fixing during system testing.

## 5. Taxonomy Generator

**Client :** StrateSphere LLC.

**Technology Used:** Artificial Intelligence (ML, DL, NLP, Neural Network Etc.), Supervised/Unsupervised ML, Transfer Learning, Incremental Learning, Python, Flask, MYSQL, GraphDB etc.

**Methodology used:** Agile.

**Team Size:** 5.

**Job Role:** AI Architect.

**Description:** The scope of this project is to construct the taxonomy by using **deep learning** and **NLP** and storing them into rdf. In this project, we have implemented machine vision and OCR and machine learning for creating the taxonomy automatic for every industry.

### Role and Responsibilities

- Involved in understanding the requirement document and getting the clarifications from requirement team.
- Write the Application Architecture and technical design documents for the solution.
- Deciding the suitable ML algorithm and infrastructure to train the model.
- Implementing the ML algorithm and training the model.
- Hyper tuning the model parameters for best model accuracy.
- Test the model and improve the accuracy.
- Deploy the trained model on cloud and make it deliverable to solution.
- Write reusable business logic/ API to support on business layer.
- Communicating with testers, giving clarifications, and resolving problems.
- Issues fixing during system testing.

## 6. Industries Classifier

**Client :** StrateSphere LLC.

**Technology Used:** Artificial Intelligence (ML, DL, NLP, Neural Network Etc.), Supervised/Unsupervised ML, Transfer Learning, Incremental Learning, Python, Flask, MYSQL, GraphDB etc.

**Methodology used:** Agile.

**Team Size:** 5.

**Job Role:** AI Architect.

**Description:** The scope of this project is to train the models for predicting the multi-level classes which represent the different industries and products for classifying the industry based on raw text input data. This solution can be used for every industry classification and ranking.

### Role and Responsibilities

- Involved in understanding the requirement document and getting the clarifications from requirement team.

- Write the Application Architecture and technical design documents for the solution.
- Deciding the suitable ML algorithm and infrastructure to train the model.
- Implementing the ML algorithm and training the model.
- Hyper tuning the model parameters for best model accuracy.
- Test the model and improve the accuracy.
- Deploy the trained model on cloud and make it deliverable to solution.
- Write reusable business logic/ API to support on business layer.
- Communicating with testers, giving clarifications, and resolving problems.
- Issues fixing during system testing.

## 7. One Talk (Business in A Box)

**Client :** VERIZON.

**Technology Used:** Python, ML/NLP, Flask, Java, J2EE, Spring Boot 2, Microservices, Hibernate, Web services (RESTful/Soap), JavaScript, TypeScript, ReactJS, Bootstrap, HTML5, CSS, Json, XML, Oracle, MySql etc.

**Methodology used:** Agile.

**Team Size:** 36.

**Job Role:** AI Lead & Programmer.

**Description:** The Scope of this application is to provide **AI alert** for customers. One Talk is a multi-line telephone solution connecting your office phone to your mobile devices, providing business telephone features on any of your common devices.

**“Main agenda of this application is to provide to E2E Verizon Network End User Services Management”.**

### Role and Responsibilities

- Involved in understanding the requirement document and getting the clarifications from requirement team.
- Write the Application Architecture and technical design documents for the solution.
- Deciding the suitable ML algorithm and infrastructure to train the model.
- Implementing the ML algorithm and training the model.
- Hyper tuning the model parameters for best model accuracy.
- Test the model and improve the accuracy.
- Deploy the trained model on cloud and make it deliverable to solution.
- Write reusable business logic/ API to support on business layer.
- Communicating with testers, giving clarifications, and resolving problems. ● Issues fixing during system testing.

## 8. CHATBOT (An Expert System)

**Client :** STC, TELENOR, IDEA, MTN, LIME, Bharti Airtel, AT & T, Sprint, Nextel, RCOM (Multiple Ericsson’s Clients) etc.

**Technology Used:** Artificial Intelligence (ML, DL, NLP, Neural Network Etc.), Supervised/Unsupervised ML, Python, Flask, Java, Spring Boot 2, Microservices, Hibernate, Web services (RESTful/Soap), JavaScript, TypeScript, ReactJS, HTML5, CSS, Json, XML, MYSQL etc.

**Methodology used:** Agile.

**Team Size:** 1.

**Job Role:** Data Scientist.

**Description:** The scope of this project is to develop an **AI Expert System** which can reduce manual effort for solving **Customer Queries & Training & Competency Development** for any operator/customer/newcomer. Application can able generate the Answers of queries based on AI. It is an Expert System for managing all human manual activities regarding different queries about Networks.

**This Expert System has great self-learn/trained capabilities, so we do not need to train it specifically.** It provides various types of functionalities for managing all types of knowledge-based services.

**“Main agenda of this application is to provide respond/answer for customer queries, training & competency development, raise tickets for any support etc.”.**

### **Role and Responsibilities**

- Involved in understanding the requirement document and getting the clarifications from requirement team.
- Write the Application Architecture and technical design documents for the solution.
- Deciding the suitable ML algorithm and infrastructure to train the model.
- Implementing the ML algorithm and training the model.
- Hyper tuning the model parameters for best model accuracy.
- Test the model and improve the accuracy.
- Deploy the trained model on cloud and make it deliverable to solution.
- Write reusable business logic/ API to support on business layer.
- Communicating with testers, giving clarifications, and resolving problems.
- Issues fixing during system testing.

## **9. Paetl**

**Client :** Morgan Stanley.

**Technology Used:** Artificial Intelligence (ML, DL, NLP, Neural Network Etc.), Supervised/Unsupervised ML, Python, Flask, Java, Spring Boot 2, Microservices, Hibernate, Web services (RESTful/Soap), JavaScript, TypeScript, ReactJS, HTML5, CSS, Json, XML, MYSQL, Sybase etc.

**Methodology used:** Agile.

**Team Size:** 7.

**Job Role:** Data Scientist.

**Description:** The Scope of this application is to provide **AI alarm** and **decision prediction** for potential investment activity at right time. This solution can be used around the globe. Application contains many auto run jobs and very complex logic for calculating investment activities based on predicted alarm. This application is used for investment management and other finance activities.



## Role and Responsibilities

- Involved in understanding the requirement document and getting the clarifications from requirement team.
- Write the Application Architecture and technical design documents for the solution.
- Deciding the suitable ML algorithm and infrastructure to train the model.
- Implementing the ML algorithm and training the model.
- Hyper tuning the model parameters for best model accuracy.
- Test the model and improve the accuracy.
- Deploy the trained model on cloud and make it deliverable to solution.
- Write reusable business logic/ API to support on business layer.
- Communicating with testers, giving clarifications, and resolving problems. ● Issues fixing during system testing.

## 8. ROBOTICSON RPA (Robotic Process Automation)

**Client :** IDEA, MTN, LIME, Bharti Airtel, AT & T, Sprint, Nextel, RCOM (Multiple Clients) etc.

**Technology Used:** Artificial Intelligence (ML, DL, NLP, Neural Network Etc.), YOLO, Supervised/Unsupervised ML, Python, Flask, Java, Spring Boot 2, Microservices, Hibernate, Web services (RESTful/Soap), JavaScript, TypeScript, ReactJS, HTML5, CSS, Json, XML, MYSQL etc.

**Methodology used:** Agile.

**Team Size:** 1.

**Job Role:** Programmer & Architect.

**Description:** The scope of this project is to develop an RPA Application which can reduce manual work for managing a Complete Network for any operator/customer. **RPA action is decided by trained ML model based on requirement.** It is RPA (Robotic Process Automation) Application for managing all human manual activities. It provides E2E Solution of Ericsson various process to customer delivery for managing complete network without no human interaction. In which, Every Process may contain many steps/activities.

## Role and Responsibilities

- Involved in understanding the requirement document and getting the clarifications from requirement team.
- Write the Application Architecture and technical design documents for the solution.
- Deciding the suitable ML algorithm and infrastructure to train the model.
- Implementing the ML algorithm and training the model.
- Hyper tuning the model parameters for best model accuracy.
- Test the model and improve the accuracy.
- Deploy the trained model on cloud and make it deliverable to solution.
- Write reusable business logic/ API to support on business layer.
- Communicating with testers, giving clarifications, and resolving problems. ● Issues fixing during system testing.

## 9. RVERIFIER RPA (Robotic Process Automation)

**Client :** IDEA, MTN, LIME, Bharti Airtel, AT & T, Sprint, Nextel, RCOM (Multiple Clients) etc.

**Technology Used:** Artificial Intelligence (ML, DL, NLP, Neural Network Etc.), YOLO, Supervised/Unsupervised ML, Python, Flask, Java, Spring Boot 2, Microservices, Hibernate, Web services (RESTful/Soap), JavaScript, TypeScript, ReactJS, HTML5, CSS, Json, XML, MYSQL etc.

**Methodology used:** Agile.

**Team Size:** 7.

**Job Role:** Senior ML Engineer.

**Description:** The scope of this project is to develop an RPA Application which can provide End to End Delivery for customers Like SCFT, Customer Complaint etc. In which, there are a lot of **ML predictions** required deciding network site and their AI

**Alarm.** It provides various types of functionalities for managing complete networks.

### **Role and Responsibilities**

- Involved in understanding the requirement document and getting the clarifications from requirement team.
- Write the Application Architecture and technical design documents for the solution.
- Deciding the suitable ML algorithm and infrastructure to train the model.
- Implementing the ML algorithm and training the model.
- Hyper tuning the model parameters for best model accuracy.
- Test the model and improve the accuracy.
- Deploy the trained model on cloud and make it deliverable to solution.
- Write reusable business logic/ API to support on business layer.
- Communicating with testers, giving clarifications, and resolving problems. ● Issues fixing during system testing.

## **10. SOFTHUMAN 1.0.0- Network Processor**

**Client :** IDEA, MTN, LIME, Bharti Airtel, AT & T, Sprint, Nextel, RCOM (Multiple Clients) etc.

**Technology Used:** Artificial Intelligence (ML, DL, NLP, Neural Network Etc.), YOLO, COCO, Supervised/Unsupervised ML, Python, Flask, Java, Spring Boot 2, Microservices, Hibernate, Web services (RESTful/Soap), JavaScript, TypeScript, ReactJS, HTML5, CSS, Json, XML, MYSQL etc.

**Methodology used:** Agile.

**Team Size:** 1.

**Job Role:** Senior ML Engineer.

**Description:** The scope of this project is to develop **AI software Platform** which can be used in different projects for multiple deliveries. In other words, SOFTHUMAN provides an End-to-End solution of any project activity/delivery. It can perform many activities like **data analysis, data preparation, reporting, project management, script creation** to run on server for resolving the network issue based **trained ML models**. Ericsson is the biggest telecom and networking organization which provides telecom services to many Network Operators around the globe.

SOFTHUMAN supports **all types of file systems** and can be used to process the files like- xls file, xlsx file, xml file, txt file, pptx file, ppt file, xlsb file and json file etc. Therefor it can analysis/process any file & can generate desired results as per customer requirements. It is being used widely in all regions like RNAM, RMED, RMEA, RLAM, RINA, RASO and INTERNAL etc.

SOFTHUMAN Application supports a **plugin system**, in which, we can install new plugins into it as per customer's requirement. Then it will be more empowered automatically & will perform more activity/deliveries. Basically, SOFTHUMAN provides end-to-end automation for delivering any project around globe and also reduces all manual efforts of network engineers and other employees.

SOFTHUMAN currently has more than **1000 AI models** for processing data as per customer requirements.

### Role and Responsibilities

- Involved in understanding the requirement document and getting the clarifications from requirement team.
- Write the Application Architecture and technical design documents for the solution.
- Deciding the suitable ML algorithm and infrastructure to train the model.
- Implementing the ML algorithm and train the model.
- Hyper tuning the model parameters for best model accuracy.
- Test the model and improve the accuracy.
- Deploy the trained model on cloud and make it deliverable to solution.
- Write reusable business logic/ API to support on business layer.
- Communicating with testers, giving clarifications, and resolving problems.
- Develop multiple web services (SOAP/RESTful) for different customers.
- Issues fixing during system testing.

### Languages Self Rating

S. No.	Languages	Rating (Out of 10)	Level
1	AI/ML/NLP/LLM	9.5	Expert
2	Python	9.5	Expert
3	Java	8.0	Expert
4	C	8.0	Intermediate
5	C++	9.0	Intermediate
6	ReactJS	8.0	Expert
7	JavaScript	9.0	Expert
8	Typescript	9.0	Expert
9	jQuery	8.5	Expert
10	HTML	8.5	Expert
11	CSS	9.0	Expert
12	AngularJS	9.0	Expert

### Academic

#### ❖ Education

Year	Degree/Diploma/Board of Education	Institute/ School	Percentage (%)
2011	B.E. (IT)	RGTU, Bhopal(MP)	67.00
2008	Diploma (IT)	Dr. B.R. Ambedkar Polytechnic College ,Gwalior(MP)	64.65
2003	High School (10th)	Govt. H.S. School, Bhandar (MP)	61.8

## Personal Details

**Father's Name:** Shri Goreshankar

**Date of Birth:** 10<sup>th</sup> July, 1987

**Gender:** Male

**Permanent Address:** \*\*\*\*\* (Can't share because of upWork policy).

**Nationality:** Indian

**Languages:** English, Hindi.

I hereby declare that all the above information is true to the best of my knowledge.

**Date:** 27-February-2024

**(Chandan Singh)**

**Place:** Noida.