Muhammad Naveed

D E V E L O P E R
S O F T W A R E   E N G I N E E R

CONTACT DETAILS

PERSONAL PROFILE

A dedicated, organized, and methodical individual. A team player with the potential to take on responsibilities and experience to solve problems with a productive mindset. Having an adroit nature, the eagerness to learn,and the flexibility to work on anything is what makes me a go-to person for any task or job.

SKILLS AND TECHNOLOGIES WORKED ON

C/C++, JAVA, Spring Boot,
Hibernate,
C# .NET Core, Python,
Django,HTML, CSS, JS,
SQL, NoSQL,
SqlServer, Oracle, Firebase,
REST and SOAP APIs, AWS,
GoogleCloud, Docker,
NodeJs, React.

ABILITIES AND INTERESTS

Development & Research.
AI & ML.
Technical Analysis and Design.
Technology and Business trends
awarenessOral and written client
communication.
Training and teaching.
Video Games!

WORK EXPERIENCE

Software Engineer I
Northstar Technologies - Sibisoft 11/2022/–

- *Present* Analyzed system requirements to develop application enhancements and migrate to updated technologies to improve performance.

Software Engineer
Avanza Solutions 06/2021–11/2022

- Solved and implemented a solution to hide sensitive data and implemented a proxy service for a German bank.
- Upgraded middleware release for Habib Bank
- Limited.Handled critical production bugs and
- product issues. Developed, integrated, tested, and deployed multiple transaction operations for client projects.
- Worked on Fintech Technologies & Products.

Professional Freelancer
UPWORK - (including FIVERR) / 2018–Present

- As a top rated freelancer providing services to different international businesses and companies.
- On multiple technologies, BackEnd and FrontEnd for Web,CMS, Android, ML, and OpenCV.

Web Developer & Designer (Contract - Remote)
WASABI (Tokyo, Japan) 10/2020/–01/2021

- Developing, Redesigning Company's Website
- Building & Maintaining Websites, and solving different development problems for the company.

Ficiali 05/2020/–07/2020 (Part-time - Remote)

- Working on Computer vision and Machine learning modelsand integration with the Web Apps.

Teacher's Assistant in Programming Course
FAST - National University of Computer & Emerging Sciences (Karachi) / 08/2019-03/2020

EDUCATION

Bachelor of Science in Computer Science *FAST - National University of Computer & EmergingSciences (Karachi) / 2017-2021*

Pre-Engineering FSC

SPECIALIZATIONS & CERTIFICATES

AWS Fundamentals Specialization

Amazon Web Services

- AWS Fundamentals: Going Cloud-Native
- AWS Fundamentals: Addressing Security
- Risk AWS Fundamentals: Migrating to the Cloud
- AWS Fundamentals: Building Serverless Applications

Google IT Support Specialization

Google

- Technical Support Fundamentals
- The Bits and Bytes of Computer Networking
- Operating Systems and You: Becoming a Power
- User System Administration and IT Infrastructure
- ServicesIT Security: Defense against the digital dark arts

Deep Learning Specialization

DeepLearning.AI

- Neural Networks and Deep Learning
- Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization
- Structuring Machine Learning Projects
- Convolutional Neural Networks
- Sequence Models

Machine Learning Specialization

University of Washington

- Machine Learning Foundations: A Case Study
- ApproachMachine Learning: Regression
- Machine Learning: Classification
- Machine Learning: Clustering & Retrieval

Project Management & Other Tools for Career Development Specialization

University of California, Irvine

- Initiating and Planning Projects
- Managing Project Risks and
- ChangesHigh-Impact Business Writing
- The Art of Negotiation
- Effective Problem-Solving and Decision-Making

Project Management Principles and Practices Specialization

University of California, Irvine

- Budgeting and Scheduling Projects
- Project Management Project

SAS Programmer Specialization

SAS

- Getting Started with SAS Programming
- Doing More with SAS Programming
- Practical SAS Programming and Certification Review

Other Certificates

- Introduction to Software Product Management - University of
- AlbertaText Mining and Analytics - University of Illinois
- Introduction to Blockchain Technologies - INSEAD
- Data Science Math Skills - Duke University
- The Data Scientist's Toolbox - Johns Hopkins
- UniversityText Retrieval and Search Engines - University of Illinois
- Statistics & Data Analysis in Public Health - Imperial College
- LondonLinear Regression in R for Public Health - Imperial College
- London Business Analytics and Digital Media - Indian School of
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PROJECTS

Customized Websites, Web Apps and Management Systems

Websites and Web Apps Developed and Designed for international and local clients as well as management system software, using different FrontEnd and BackEnd Technologies, Web Services, and Rest/Soap based APIs with all proper Payment Processors and exchange services as per the client's needs.

- For eCommerce Market Places and Brand Stores Startups, Businesses, & Companies
- Educational & Online Communities Real Estate, Restaurants, and others.

[PORTFOLIO]

"Please visit my website to know more about my recent projects"

SPEAKIFY - Speaker Identifier Using Deep Learning - (FYP)

A deep learning product-based model using a convolution neural network (CNN), GMM, ReLU function, and pooling stage, a visual representation of the spectrum of frequencies of sound or other signals, MFCC for feature Extraction.

- Developed an Application to turn this model into a product for different scenarios such as bio-metric identification of voice. Python, Flask, Bootstrap, JavaScript, NodeJs, ReactJs, Java.

Ration Tracker

- An Android app developed for a nonprofit organization (Faizal Uloom) to help keep track of ration distributions during covid-19 lockdown
- JAVA, Kotlin, Firebase.

FASTtalk - Instant Messenger

- A messenger with features like WhatsApp and FB messenger including, Instant sending/receiving of texts, voice notes, Stories(Status), Profile Updates, Pushed Notifications, OTP User Authentication
- JAVA, Kotlin, Firebase, Google Cloud.

Document Scanner for Data Extraction App

- Data Entities Extraction App for mining and extracting information from documents. Python, OpenCV, Pytesseract, Spacy

Client And Server Messenger Application (Android, JAVA) FirstAid Kit Items Finder (OpenCV, Python).

Mask Detection for SOPs (OpenCV, Python).

Generic Text Summarizer using Relevance Measure and Latent Semantic Analysis (PyQt, Python).

Sign Language Recognition (Python, TensorFlow, Keras). Search Engine for documents (C#)

Priority Queue using Kernel Module Coding (Java)