



CONTACT ME

📍 Kaloor, Ernakulam, Kochi

✉️ karthiksp2019@zohomail.in

📞 6282355192

LinkedIn: linkedin.com/in/karthik-sp-4465a81a7

EDUCATION

B.com CA
MG. University
2016-2019

Higher Secondary
2016-2018

S.S.L.C
State Board
2015

SKILLS

• PYTHON

Framework

- Django
- Flask
- Pyramid
- Tkinter
- PyQt

MACHINE LEARNING

- **Linear Regression**
- **Multiple Linear Regression**
- **Polynomial Regression**
- **Support Vector Regressor**
- **Decision Tree Regression**
- **Random Forest Regression**
- **Logistic Regression**
- **K-NN clasifier**

- **Python Developer**
- **Django Developer**

Karthikeyan s.p

ABOUT ME

After Completing SSLC. I want to buy my first smartphone, so I started searching on the internet after getting confused. I started watching YouTube, Suddenly the phone which I was searching on the internet displayed on YouTube as video advertisement and the advertisement started displaying on my Facebook as display advertisement this experience led me to gain more interest in digital marketing. After working as digital marketing executive I came to know that these advertisements are shown to us using algorithm thus my interest grew towards programming and algorithms. So I learned Programming languages by watching YouTube Tutorials.

WORK EXPERIENCE

Python developer

Contract Base

ending on 20-08-2025

- Build AI LLM Application Using (RAG)
- Build Trading Application Core Functionality

Python developer

Elkanio Research Labs

2023-2024

- Manage my team
- Design and implement Python code using the Django framework,.
- writing python package
- design architecture
- Db Designing
- RestAPI
- code review
- Client Collaboration

Django -full stack

Webcastle Media Labs

2022 - 2023

- Identify and fix software bugs
- Design and implement Python code using the Django framework,.
- Working with Front-end technologies
- Db Designing
- RestAPI

Django -Developer, Flask Developer

Softnet technologies | Kadavanthara

2020 - 2022

- Design and implement Python code using the Django framework,.
- Identify and fix software bugs
- Write detailed documentation around the code
- Working with Front-end technologies
- Implementing Machine Learning models

Digital Marketing Executive

Devasteels | vytilla

2019 - 2021

- SVM

• FRONT END

- Html
- Css
- Bootstrap
- Material css
- Javascript
- Jquery
- React

• DBMS

- Mysql
- Postgress
- Sqlite3

SOFT SKILLS

- Public Speaker
- languages- tamil, english, malayalam

SKILLS WITH NO EXPERIENCE

- Node js
- Express js
- Webscarping- BeautifulSoup(Bs4)
- Angular

CERTIFICATES

- Python Udemy Certificate
- python Learnmall Certificate
- Digital Marketing Certificate Google
- Google analytics Certificate
- Google Ads Certificate

PROJECTS

JOB PORTAL



[URL:https://www.justrightclickjobs.com/](https://www.justrightclickjobs.com/)

Backend:- Django

Frontend:- Html, css, Bootstrap, Javascript

Job Portal | Bangalore Company

- Created a Webapp with 3 different Logins - Admin, Manager, staffs
- Customized admin panel
- This app allows to track the payment made by customers, payment yet to be paid by customers, assign tasks to staffs
- customers can apply for the job via website or naukri , The admin panel shows who applied .
- used filter - Search Filter, Sort Filter
- Hosted it on cpanel (vps hosting- namecheap)

HRM APP

Backend:- Django

Frontend:- Html, css, Javascript

Human Resource Management app

- App Features - Generate salary slip, Can register complaints Based on Department, search a keyword on a list of pdf files, increment salary of the employee,
- created an algorithm that fetches all the pdf files for the keyword entered.
- Email notification can be sent.
- Has 4 logins - Hr, support-team , sales-manager, staffs
- can generate salary slip of the employee.
- Can Extract skills, address, phone number from the resume

CLINIC MANAGEMENT SOFTWARE

Backend:- Django

Frontend:- Html, css, Javascript, material css

Clinic Management Software | Tenfos Cybernetics

- App Features - pay after use, monthly subscription, promoted medicine details, appointment booking
- This app is free to use only charged when there are more than 5 customers.
- this app requires a monthly subscription
- Appointment Booking
- can store patients record
- can send text messages

PODCAST MOBILE APP

play.google.com/keralasahakarananiyamam

apps.apple.com/app/kerala-sahakarana-niyamam

Backend:- Django Rest Api

Audio Listening App | Webcastle Media

- App Features - monthly subscription, Group Subscription
- This app is free to use only charged when there are more than 5 customers.
- this app requires a monthly subscription
- Listen to

DIFIT APPplay.google.com/store/apps/details?id=com.difitlifestyle.app&hl=en_INapps.apple.com/in/app/difit/id6450954197

Backend:- Django

Frontend:- Html, css, Javascript, Bootstrap

Gym Management APP | Dubai | webcastle media labs

- App Features - Auto Generated Workout
- This app is free to use only with limited access
- this app requires a monthly subscription or Yearly Subscription
- Appointment Booking
- Video training
- Chat Functionality

GOLDZOUQ JEWELLERY<https://www.goldzouq.com/>

Backend:- Django

Frontend:- Html, css, Javascript, Bootstrap, scss

Jewellery management Software | webcastle media labs

- All The major Gold Sellers can Show there Product.
- users can calculate the Gold Price, Making Charge etc...
- Mobile Users can watch Reels

BOOKOTRIP FLIGHT BOOKING<https://www.bookotrip.com/>

Backend:- Django

Frontend:- Angular

Flight booking web app | elkanio research labs

- Integrating a flight api's
- payment integration
- Implemented RFM algorithm
- user permissions

B2B TRAVEL<https://b2btravelagency.com/>

Backend:- Django

Frontend:- Angular

All india Api| elkanio research labs

- Integrating a flight api's all india
- integrating all flight's API in one portal
- Accounting module
- wallet module

TRIPXOXO<https://tripxoxo.com/>

Backend:- Django

Frontend:- Angular

2 core Feature Implemented

- Developed Club Pass feature to enhance user engagement and streamline access management.
- Implemented RFM (Recency, Frequency, Monetary) feature to improve user interaction and personalize experiences.

Backend:- Django **Frontend:-** React, Flutter**A Bidding webapp**

- Developed the backend for E-Lelam, an online platform, utilizing Django for robust and scalable functionality.
- Integrated and managed key features such as user authentication, auction processes, and payment gateways to enhance user experience and security.
- Ensured the performance optimization of the website, leading to faster response times and increased reliability.
- Implemented socket connections for real-time communication during crowd clicking on E-Lelam, ensuring immediate updates and smooth interaction during peak traffic.

NATIONAL YOUTH PROGRAMME<https://nationalyouthprogramme.in/>**Backend:-** Django **Frontend:-** React**All Kerala collage Portal - Government Project**

- Led the development of a fully API-driven system for the National Youth Programme website, converting all core features into APIs to enhance scalability and data accessibility.
- Built a comprehensive backend portal for administrative users, integrating key functionalities such as user management, content updates, and event tracking through custom API endpoints.
- Ensured real-time data synchronization and secure access for authorized personnel, optimizing backend processes for efficiency and performance.

AI (RAG) - INTERNAL SOFTWARE**Backend:-** python - streamlet**New Joiner's can simply ask this chatbot and learn what this project is about | DUBAI**

- FAISS (for vector similarity search)
- nomic-ai/nomic-embed-text-v1, later switched to sentence-transformers/all-MiniLM-L6-v2
- ChatOllama (LLaMA3 based)
- LangChain

TRADING-ACCOUNTING SOFTWARE <https://acers.space/>**Backend:-** Django **Frontend:-** React**An accounting software | DUBAI**

- Done deal lifecycle: trade capture → confirmation → clearing → settlement
- Worked with business teams to review SOWs and BRDs of custom CTRM modules
- Risk metrics computation (VaR, exposure)
- Automated report generation for compliance and audit (Using OCR)
- Done some module

RESEARCH PAPER

Backend:- Flask

Frontend:- Html, css, Javascript

Created a machine learning modal to predict Chronic Kidney Disease with the blood test result as input

- App Features - to predict whether the patient will have chronic kidney disease or not
- Algorithm - Logistic Regression
- used Library - scikit-learn, numpy, pandas, matplotlib,