

MUHAMMED FARSEEN KP

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Location: Malappuram, Kerala, India

PROFESSIONAL SUMMARY

B.Tech Computer Science graduate (2024) and skilled Full Stack Developer with strong hands-on experience in building responsive, modern web applications using React, Angular, and Django REST APIs. Proficient in JavaScript, component-based development, JWT authentication, and API integration. Passionate about crafting clean, scalable UI/UX with React and contributing to agile development teams.

GENERAL SKILLS

Soft Skills : Decision-Making, Problem-Solving

TECHNICAL SKILLS

Languages : Python, JavaScript

Web Technologies: HTML5, CSS3, Bootstrap, Tailwind CSS, React, Angular, Django, Flask (basics), REST API

Databases : MySQL, SQL Server, SQLite

Libraries : NumPy, Pandas, Matplotlib

DevOps & Tools : Git, GitHub Actions, VS Code, Postman, Linux

PROFESSIONAL EXPERIENCE

Python Full Stack Development

Quest Innovative Solution, Calicut

Calicut, Kerala, India

Aug 2024 - Apr 2025

- Developed and deployed full-stack web applications using Django REST Framework and Angular.
- Built and integrated secure RESTful APIs for authentication, CRUD operations, and data handling.
- Gained hands-on experience across the full development lifecycle, including debugging, database management, and collaborative development workflows.

EDUCATION

MEA Engineering College

BTech, Computer Science and Engineering

Malappuram, Kerala, India

June 2020 – June 2024

GVHSS Pullanur (Higher Secondary Education)

Science

Malappuram, Kerala, India

June 2017 – Mar 2019

PROJECTS

AI-Enhanced Unmanned Aerial Vehicles for Search and Rescue Operations

AI, ML, Python, SQL, IoT

- Developed an autonomous UAV system using sensor technology, computer vision, and AI for real-time detection of victims and hazards, improving accuracy and speed in disaster response operations.
- Utilized advanced machine learning models and smart navigation algorithms to boost the precision of search operations and effectively reduce response time in critical disaster scenarios using autonomous UAV systems.

Stock Market Prediction Portal(Full Stack)

Django, React, ML, JWT

- Developed an LSTM-based model to predict next-day stock prices and visualized results using Plotly charts.
- Built secure RESTful APIs with Django REST Framework for stock data, user authentication, and model integration.
- Designed a responsive frontend and used SQLite for lightweight data storage and model training.

PUBLICATIONS

AI-Enhanced Unmanned Aerial Vehicles for Search and Rescue Operations

2024 5th International Conference on Innovative Trends in Information Technology (ICITIIT) 2024