Muhammed Fayis P

Software Engineer | Full-stack Developer | Python Developer

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Profile Summary

Self-motivated and flexible full-stack developer skilled in Python, Django, React JS, and React Native, with a basic understanding of AI and cloud management. Experienced in building fast, secure, and easy-to-use applications, with knowledge of Agile, CI/CD, and API development. Looking to apply my development skills and project experience in the UAE tech industry.

Technical Skills

- Python
- Django
- React JS
- React Native
- JavaScript
- PostgreSQL
- MySQL
- Vector Databases
- Deep Learning
- Data Visualization
- NumPy
- Semantic Kernel
- RAG-Based AI
- HTML
- CSS
- Bootstrap
- C #
- C Programming
- .NET
- Java
- REST API
- Version Control (Git)
- Agile
- CI/CD
- API Development
- Django Channels
- WebSockets
- Microsoft Azure

Soft Skills

- Problem-Solving
- Adaptability
- Multi-Tasking
- Communication
- Teamwork
- Hardworking

Other Skills

- Overleaf
- Canva
- Word
- Microsoft PowerPoint
- GitHub
- VS Code

Education

MEA Engineering College   (Aug 2020 - Jun 2024)   GPA 6.98

Bachelor of Technology in Information Technology

MIM HSS Perode (Aug 2018 - Mar 2020)   GPA 7

Higher Secondary Education in Computer Science

Certifications

Crash Course on Python (Sep 2024)
Google

Career Essentials in Software Development   (Nov 2024)
Microsoft & Linkedin

Languages

- English
- Hindi
- Tamil
- Malayalam

Projects

Efficient Data-Stream Anomaly Detection (Oct 2024 - Oct 2024)

Built a Python tool for real-time anomaly detection using Z-Scores in a rolling window, simulating seasonal data with noise. Used NumPy for calculations and Matplotlib for interactive, real-time data visualization.

Notes App using Django and React JS (Aug 2024 - Sep 2024)

Developed a notes app with CRUD functionalities and a dynamic search feature. Improved user experience by implementing note categorization of personal, business, and important with color-coded design. Improved loading efficiency by 20%.

Netflix Clone App using React JS (Aug 2024 - Aug 2024)

Built a responsive Netflix-inspired React app with auto-scrolling posters and YouTube trailer integration. Enhanced user engagement with a seamless movie exploration interface and reduced load time by 30%.

Real-Time Chat Application (Jul 2024 - Aug 2024)

Developed a real-time chat web application using Django Channels and WebSockets, featuring user authentication, online status tracking, and group/private chat functionalities.

E-Commerce Website of Home appliances (Jul 2024 - Jul 2024)

Developed an e-commerce platform using Python (Django) for the backend and HTML/CSS for the frontend, featuring user authentication, product management, and order tracking and Improved checkout process speed by 25%.

Multiple Human Activity Detection and Alert Mechanism (Jun 2023 - Apr 2024)

Developed a real-time monitoring system using deep learning for anomaly detection. Built and fine-tuned models with TensorFlow, achieving accurate human activity recognition. Applied data cleaning and preprocessing techniques to ensure high-quality inputs. Enhanced model efficiency by adjusting hyperparameters and evaluation metrics.

Voice-Controlled Car Using Arduino (Feb 2023 - Aug 2023)

Developed a car that responds to voice commands for movement using Arduino, combining voice recognition and robotics.

Work Experience

Full Stack Developer (Oct 2024 - Present)
Freelance | UAE (Remote)

- Full stack web development
- Full stack App development

Service Assistant (Jun 2020 - Oct 2021)
Janaseva kendra | Nadapuram

- Balanced part-time role with first-year B.Tech studies during COVID-19.
- Assisted with various public services, enhancing problem-solving and technical skills.
- Demonstrated strong communication by effectively handling customer inquiries.
- Showcased teamwork and adaptability in a fast-paced environment.

Interests

- Coding
- Travelling
- Driving