

Muhammed Favas

Python Full Stack Developer

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Professional Summary

Python Full Stack Developer with hands-on experience building scalable web applications and AI-powered solutions. Proficient in Django, FastAPI, React.js, PostgreSQL, LangChain, RAG, and cloud-native deployments on AWS using Docker and Terraform. Experienced in developing production-grade REST APIs, authentication systems, AI chatbots, real-time applications, and cloud infrastructure.

Technical Skills

Languages: Python, JavaScript, SQL

Frontend: React.js, Redux, HTML5, CSS3, Tailwind CSS, Figma

Backend: Django, Django REST Framework, FastAPI, REST APIs, ORM, JWT Authentication, WebSockets, Django Channels

AI & LLM: LangChain, RAG Systems, Gemini API, Grok API, AI Chatbots

Cloud & DevOps: Docker, Terraform, AWS EC2, AWS RDS, Cloudflare, Vercel

Databases: PostgreSQL, Supabase

Tools: Git, GitHub, Redis, Celery, Swagger, Firebase, Cloudinary, Razorpay

Professional Experience

Python Full Stack Developer Intern

Jun 2025 – Present

Bridgeon Solutions, Kozhikode

- Developed and deployed real-world full-stack applications using Django, Django REST Framework, React.js, and PostgreSQL on cloud infrastructure.
- Designed production-grade RESTful APIs with JWT authentication, role-based access control, and troubleshooting across backend services.
- Provisioned AWS EC2 infrastructure using Terraform with Docker-based cloud-native deployment pipelines.
- Collaborated in Agile teams through clear communication, code reviews, and self-learned advanced technologies including LangChain, RAG, and Django Channels.

Projects

RentOut.in – Peer-to-Peer Furniture Rental Platform

Live Demo — GitHub Repository

Tech Stack: Django, FastAPI, React.js, PostgreSQL, Docker, AWS EC2/RDS, Terraform, LangChain, Redis, Celery, Django Channels

- Architected a production-ready rental marketplace with AI chatbot, real-time WebSocket chat, payments, KYC verification, and notification systems.
- Built an AI-powered chatbot using FastAPI, LangChain, Gemini, and Grok with RAG architecture for intelligent, context-aware responses.
- Containerized Django and FastAPI microservices with Docker; provisioned AWS EC2 and RDS using Terraform for cloud-native deployments.
- Configured Celery and Redis for asynchronous task processing; implemented JWT authentication, role-based access control, and Razorpay payment integration.

PeakPack – Travel Equipment E-Commerce Platform

Live Demo — GitHub Repository

Tech Stack: React.js, Redux, Django, Django REST Framework, PostgreSQL, JWT, Razorpay

- Architected a production-ready e-commerce platform with DRF APIs, role-based dashboards, and secure checkout flow.
- Optimized PostgreSQL schema and queries for product filtering, inventory management, and order processing.
- Built responsive React.js frontend with Redux state management and JWT-secured API endpoints.

Education

Bachelor of Computer Applications (BCA)

2025 – 2028

Indira Gandhi National Open University (IGNOU), Delhi

Higher Secondary Education – Computer Science

2025