Muhammed Fasal C

Python Full Stack Developer

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PROFESSIONAL SUMMARY

- Full-stack developer with 3+ years of experience building scalable, secure applications using **Python**, **Django**, **React**, and **REST APIs**.
- Experienced in AWS, Docker, Nginx, Redis, WebSockets, CI/CD automation, and performance optimization.
- Working towards expertise in **AI/ML** using NumPy, Pandas, scikit-learn, and LLM-based applications.
- Strong focus on clean architecture, real-time systems, and modern, production-ready backend engineering.

EXPERIENCE

Full Stack Developer   Sep 2024 – Present
Nuronics Labs Pvt. Ltd.   *Hyderabad, India (Remote)*

- Contributed to **Nuva**, a telecom-grade AI voice/chat platform with real-time messaging, ASR, and Human-in-the-Loop processing, reducing contact center hold times by 30–50%.
- Worked on **Nuropedia**, a WordPress AI chatbot plugin with instant answers, multilingual support, calendar syncing, and advanced document AI.
- Built core features for **Nurae**, including booking workflows, provider KYC, escrow payments using **Stripe Connect**, and secure memory/vault systems.
- Engineered real-time infrastructure with Django Channels, WebSockets, and Redis supporting sub-100ms concurrency.
- Optimized analytics with NumPy, Pandas, Matplotlib; reduced API latency by 45% using Docker, AWS EC2, Nginx, Cloudflare, and Redis.

Freelance / Self-Employed Full Stack Developer   Jan 2022 – Sep 2024
Trawayl Platform & Multiple Clients

- Developed a full-stack travel booking platform using **React** and **Django**, optimized for 10,000+ concurrent users with real-time communication.
- Implemented CI/CD using GitHub Actions and Docker, reducing deployment time by 70%.
- Deployed scalable architecture using AWS EC2, PostgreSQL, Redis, Nginx, and Cloudflare on a cost-efficient 2GB RAM setup.

PROJECTS

DocTime – Doctor Consultation Platform | *Django, WebSockets*   GitHub

- Real-time consultation platform with video calls, appointment automation, and secure Google OAuth login.
- Built using Django REST Framework, Channels, and WebSockets supporting 500+ active users.

TimeMachine (TimeGear) – E-Commerce Platform | *Django, Razorpay*   GitHub

- Full-featured e-commerce backend with cart, coupon, referral, and payment modules.
- Integrated Razorpay; improved UI/UX and optimized backend for fast checkout flows.

CRUIZERO – Cruise Management App | *Flask*   GitHub

- Built a web + Android system for itinerary, reservation tracking, and crew coordination.
- Handled 200+ concurrent users with improved user experience and real-time updates.

Technical Skills

- **Languages:** Python, JavaScript, C, Bash
- **Frontend:** React, React Native, HTML, CSS, Tailwind, Bootstrap
- **Backend:** Django, DRF, Flask, FastAPI, PostgreSQL, MongoDB, Redis
- **AI/ML:** NumPy, Pandas, Matplotlib, scikit-learn, LLMs
- **DevOps/Cloud:** Docker, AWS EC2, GitHub Actions, Linux, Nginx, Cloudflare, Grafana
- **Integrations:** Razorpay, Stripe, Stripe Connect, Google OAuth
- **Other:** Web Scraping (Selenium, Scrapy, BeautifulSoup), WebSockets (Django Channels, Socket.io), API Design, Real-time Systems, Git, Data Structures & Algorithms

Soft Skills

- Problem-solving, Debugging, Team Collaboration, Adaptability, Self-Learning

Additional Work (Learning Repos)

- **DSA:** Repository documenting implementations of arrays, recursion, sorting, heaps, hash tables, trees, graphs, and advanced algorithms.

Education

Brototype Bootcamp	May 2023 – Sep 2024
Intensive Software Development Training	*Kerala, India*
BSc in Computer Science	2020 – 2023
University of Calicut	*Kerala, India*