

Mohamed Sinan

Full Stack Python Django Developer

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PROFESSIONAL SUMMARY

Full Stack Python Developer specializing in backend development with **Python, Django, and Django RESTFramework**, with hands-on experience building scalable REST APIs and secure, data-driven systems. Strong background in **PostgreSQL optimization**, API integration, and cloud deployments using **AWS and Docker**. Proficient in developing **responsive React-based frontends** that integrate seamlessly with robust backend services, with a focus on performance, reliability, and clean architecture. Applied structured error handling, input validation, and API status codes to improve reliability and maintainability of backend services. Followed RESTful API design principles and modular code structure, improving readability, testing ease, and future extensibility

TECHNICAL SKILLS

Backend: Python, Django, Django REST Framework (DRF)

Frontend: React, Redux, Tailwind CSS, JavaScript, HTML, CSS, Axios

Databases: PostgreSQL, ORM (Django ORM)

Cloud & DevOps: AWS (EC2, S3, RDS, SES, SQS, Lambda), Docker, Git, GitHub, Postman

Additional Tools & Concepts: API Integration, Payment Gateway Integration (Razorpay), Unit Testing, RESTful API Development, Authentication (JWT), Microservices Architecture

PROFESSIONAL EXPERIENCE

Bridgeon Solutions LLP, Calicut, Python Full Stack Developer

2025 – Present

- Engineered and deployed REST APIs using **Django & DRF** for authentication, data management, and core application workflows.
- Constructed **8+** responsive UI components using **React, Redux, Tailwind CSS, and Bootstrap**, improving UI consistency and usability.
- Established secure access controls using **JWT-based authentication and email verification** across applications.
- Enhanced backend performance by optimizing **Django ORM queries and PostgreSQL schemas**, improving API response times by **~20%**.
- Integrated **Razorpay payment gateway** and authored documentation for **15+ APIs** using **Swagger**.
- Applied **GitHub-based workflows** for version control while collaborating in **Agile-style development cycles**.

PROJECTS

AIVENT, Universal Event Operating System

- Orchestrated a **full-stack AI-driven event platform** supporting **3 user roles** (vendors, customers, admins) within a unified system.
- Structured a **microservices backend** using **DRF, PostgreSQL, RabbitMQ, and Docker Compose**, reducing feature coupling by **~30%**.
- Delivered a modern frontend with **React 19 (Vite) and Tailwind CSS**, securing **100% of protected routes** via **JWT & OAuth**.
- Automated asynchronous workflows using **Celery and AWS SQS**, improving task execution reliability by **~40%**.
- Provisioned and containerized **5+ services** with **AWS/Kubernetes-ready configurations**.

HopyfyCart, E-Commerce Platform

- Produced a scalable **e-commerce** interface using **React, Redux, and Tailwind CSS**, ensuring responsiveness across all screen sizes.
- Implemented and exposed **10+ RESTful endpoints** with **Django REST Framework and PostgreSQL**, enabling secure Razorpay payments.
- Launched and optimized the platform on **AWS EC2 and S3**, reducing asset load latency by **~20%**.

EDUCATION

PKMMHSS Edarikode, Higher Secondary Education

06/2023 – 03/2025

CERTIFICATES

Prompt Engineering for Everyone — IBM Developer Skills Network (Apr 2025)

Generative AI Mastermind — Outskill (2025)