

Mohamed Sinan

Full Stack Python Django Developer

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 Malappuram, Kerala

 Portfolio

 mohamedsinann

 sinan_prvt

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.

PROFESSIONAL EXPERIENCE

Python Full Stack Developer Intern, Bridgeon Solutions LLP, Calicut

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.

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

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

Bachelor of Computer Application , Ignou University	07/2025 – Present
Higher Secondary Education , PKMMHSS Edarikode	06/2023 – 03/2025

CERTIFICATES

- Prompt Engineering for Everyone - IBM Developer Skills Network
- Generative AI Mastermind - Outskill