Tinu Jaimes

Full-Stack Python Developer

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📍 Idukki, Kerala, India

🔗 GitHub

in LinkedIn

Education

BCA
M G University

MCA
MG university

Skills

Languages

- Python
- JavaScript
- HTML
- CSS
- SQL

Frameworks & Libraries

- Django
- Django REST Framework
- Bootstrap
- FastAPI

Tools & Technologies

- Git & GitHub
- Docker
- RabbitMQ
- Celery
- Django-Redis
- AWS (Basics)
- Google Colab
- Railway, Render

Core Competencies

- Containerization and Deployment with Docker
- REST API Development and Integration
- User Authentication and Authorization
- Database Design and Optimization
- Asynchronous Task Management
- Caching and Performance Optimization
- Deployment and Hosting
- Web Design and Responsive UI
- Problem Solving and Communication
- OpenAI API (GPT-3.5, GPT-4)
- LangChain & LangGraph (LLM Orchestration)

Profile

Passionate Python Developer specializing in Django, RESTful APIs, and MySQL, with expertise in backend development and scalable web applications. Built projects like a Blog Platform, eCommerce Website, Job Board, and Hospital Management System, integrating secure authentication, APIs, and Celery automation. Certified by Illinois Institute of Technology and awarded A+ by the N.S.D.C Skilled in AWS, caching, and role-based access control to create efficient, user-friendly applications.

Professional Experience

Freelance Python Developer – AI & LLM Integration

Designed and developed intelligent, AI-powered websites using OpenAI APIs, LangChain, and LangGraph. Integrated LLMs into dynamic web platforms with FastAPI and React, and implemented vector search with Pinecone. Delivered end-to-end solutions including custom chatbots, RAG pipelines, agent workflows, and responsive, production-ready websites for clients.

Python developer - Intern
Entri Elevate

Gained hands-on experience in Python and Django, built CRUD-based web apps, and learned backend development, REST APIs, and deployment basics.

Projects

Blog Website 🔗
- Built a full-featured blogging platform allowing users to create, edit, delete blog posts, and comment on other users' blogs.
- Implemented secure authentication, role-based access control, and CRUD operations via Django REST API.
- Integrated Celery and RabbitMQ to manage background tasks like sending email notifications.

Hospital Administration System 🔗
- Developed a hospital management system enabling registration, scheduling, and patient management for clinics.
- Created modules for doctors, staff, and patient dashboards with role-based access and admin control.
- Implemented appointment scheduling, billing system, and notification management.
- Utilized Django, MySQL, Bootstrap for development and ensured responsiveness and security best practices.

Job Board Application 🔗
- Created a job board application connecting employers and job seekers with intuitive dashboards.
- Developed features like job posting, job application tracking, and resume management.
- Integrated task queues using RabbitMQ and email notifications using Celery.
- Designed and implemented search and filtering features using Django ORM for efficient queries.

Certifications

N.S.D.C : Python programming with django(2025) 🔗
(A+ Certification)

Illinois institute of technology: Python programming (2025) 🔗

Entri Elevate: Python programming with Django (2025) 🔗
- Gained hands-on experience in building dynamic web applications using Python and Django.
- Developed RESTful APIs with Django REST Framework for robust backend functionality.
- Demonstrated proficiency in Python, MySQL, and frontend technologies (HTML, CSS, JavaScript).
- Acquired foundational skills in deploying applications using AWS services.
- Completed practical assignments and mini-projects, enhancing problem-solving and full-stack development capabilities.