

ANAT ALPHONSE T

Python Full-Stack Developer

Palakkad, Kerala, India · +91 9074391595 · anatalphonset@gmail.com

GitHub: <https://github.com/anatalphonse> · LinkedIn: <https://www.linkedin.com/in/anatalphonset>

PROFESSIONAL SUMMARY

Backend-focused full-stack developer with hands-on experience building asynchronous, scalable REST APIs using FastAPI and SQLAlchemy. Skilled in designing secure authentication (JWT, RBAC), database schema design and migrations (PostgreSQL, Alembic), containerization (Docker) and CI/CD (GitHub Actions). Comfortable implementing user-facing interfaces with HTML/CSS/JavaScript and delivering maintainable, testable systems that solve real business problems.

CORE SKILLS

FastAPI, REST API, SQLAlchemy, PostgreSQL, Alembic, JWT, Role-Based Access Control (RBAC), Asynchronous Programming (async/await), Docker, Git, GitHub Actions, CI/CD, Postman, HTML, CSS, JavaScript, Bootstrap, ORM, CRUD, Testing (unit/integration), Performance tuning, Schema design

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML, CSS

Frameworks / Libraries: FastAPI, SQLAlchemy, Bootstrap, jQuery, Django

Databases: PostgreSQL

DevOps / Tools: Docker, Git, GitHub, GitHub Actions, Postman, Alembic

Design / Prototyping: Figma, Canva

PROFESSIONAL EXPERIENCE

Ekaksha Technologies — Python Developer Intern

Apr 2025 – Present

- Built and maintained asynchronous REST APIs with FastAPI and SQLAlchemy to support high-concurrency traffic and reliable client integrations.
 - Implemented JWT-based authentication and (RBAC) to secure endpoints and enforce permission levels.
 - Integrated PostgreSQL using SQLAlchemy ORM and managed schema changes with Alembic migrations.
 - Created and executed Postman collections for API validation and collaborated with frontend developers to deliver responsive UI components using HTML, CSS and Bootstrap.
-

PROJECTS

CRM using FastAPI — 2025

- Designed and implemented a CRM backend with JWT authentication and role-based access control to secure APIs.
- Created CRUD endpoints for customer records (personal, contact, organization) using SQLAlchemy ORM.
- Implemented advanced filtering and search using query parameters for flexible data retrieval.
- Developed asynchronous endpoints and connection handling to improve concurrency and throughput.
- Managed database migrations with Alembic and documented endpoints with Postman/OpenAPI.

Django E-commerce Web Application — 2024

- Built a full-stack e-commerce platform using Django and PostgreSQL including product management, authentication, shopping cart and order processing.
 - Styled responsive front-end pages using Bootstrap and integrated backend order APIs.
-

EDUCATION

Bachelor of Science (B.Sc.) — Computer Science

Model College of Applied Science Kuzhalmannam (University of Calicut) Oct 2021 – May 2024

Certificates & Courses: Python Full Stack — Softronics Sep 2024 – Mar 2025