

# ANAT ALPHONSE T

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Portfolio: [anatalphonset.in](https://anatalphonset.in)

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## PROFESSIONAL SUMMARY

Python Full-Stack Developer with hands-on experience building developing interactive frontend using **ReactJs** and **Tailwind CSS**, **asynchronous, scalable REST APIs** using **FastAPI** and **SQLAlchemy**. Skilled in **JWT authentication**, **RBAC**, **PostgreSQL schema design**, **Docker containerization**, and **CI/CD pipelines** (GitHub Actions). Adept at delivering secure, maintainable, and testable systems that solve real business problems.

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## TECHNICAL SKILLS

**Languages:** Python, JavaScript, HTML, CSS

**Frameworks / Libraries:** FastAPI, ReactJs, Tailwind CSS, SQLAlchemy, Django, Bootstrap, jQuery

**Databases:** PostgreSQL, MySQL, MongoDB

**DevOps / Tools:** Docker, Git, GitHub, GitHub Actions, Postman, Alembic, Ubuntu Server

**Concepts:** REST API Design, Asynchronous Programming, ORM, CRUD, JWT, RBAC, CI/CD, Database Schema Design, Unit & Integration Testing, Performance Optimization

**Design / Prototyping:** Figma, Canva, XD

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## EDUCATION

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

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

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## PROFESSIONAL EXPERIENCE

**Web Developer — Ekaksha Technologies** | *Apr 2025 – Present*

- Developed **25+ asynchronous REST endpoints** using FastAPI and SQLAlchemy, improving API throughput by 35%. Implemented **JWT-based authentication** and **Role-Based Access Control (RBAC)** for secure multi-level access. Designed and managed **PostgreSQL schemas** with Alembic migrations to ensure zero-downtime updates. Created automated **Postman test collections** for API validation and collaborated with frontend teams on Bootstrap-based UI integration.

**Python Developer Intern — Softroniics** | *Sept 2024 – Mar 2025*

- Assisted in developing web applications using **Python, Django, HTML, CSS, JavaScript**, and Bootstrap. Worked on backend development with Django, handling database management using **PostgreSQL**. Developed responsive front-end interfaces using modern CSS frameworks **Bootstrap & Tailwind**.

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## PROJECTS

### **My-APP Portfolio** | Aug 2025 | [GitHub](#)

*React JS, JavaScript, Cloudflare tunnel, Ubuntu server, Docker*

- high-performance personal portfolio designed to showcase my work as a Full-Stack Developer. Beyond the frontend, this project serves as a demonstration of my capabilities in **DevOps and Linux server administration**. Instead of using traditional hosting providers, I architected a custom deployment pipeline to host the site on a **private Ubuntu server**.

### **CRM using FastAPI** | Aug 2025 | [GitHub](#)

*FastAPI, SQLAlchemy, PostgreSQL, Alembic, Docker, JWT*

- Built CRM backend with **JWT authentication** and **RBAC** for Admin/Sales roles. Implemented **12+ CRUD endpoints** with advanced search & filtering, enabling queries on 5K+ customer records. Integrated **Alembic migrations**, Postman test suite, and async database handling for concurrency optimization.

### **E-commerce Web Application (Django)** | Oct 2024 | [GitHub](#)

*Django, PostgreSQL, Bootstrap, HTML/CSS, jQuery*

- Developed full-stack platform featuring **product management, shopping cart, and order processing**. Implemented secure **user authentication** and integrated backend APIs with a responsive Bootstrap frontend.
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