

ROHITH VIGNESH S

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Portfolio: rohith-engineer.github.io

Career Objective

Aspiring Software Developer with strong proficiency in Python and hands-on experience in building scalable web and backend applications using Django and FastAPI. Passionate about writing clean, secure, and efficient code, and seeking an entry-level developer role to contribute to a growth-oriented IT team.

Technical Skills

- Programming: Python (Advanced), C, C++, Java
- Frameworks: Django, FastAPI
- Databases: SQLite, SQL
- Web & APIs: REST API, JWT Authentication, HTML, Tailwind CSS
- Tools: Git, GitHub, Docker
- Concepts: OOP, Data Structures & Algorithms, Software Engineering Fundamentals

Projects

- Secure Password Manager (FastAPI): Designed and developed a secure REST API using FastAPI with JWT-based authentication. Implemented AES encryption for sensitive data and full CRUD operations. Added CSV export and strong password generator utility.
- Django Article Management System: Built a full-stack web application for multi-user article management. Implemented authentication, CRUD operations, search, and pagination. Developed responsive UI using Tailwind CSS.
- Employee Management & Payroll System (Tkinter): Developed a desktop application to manage employee records and payroll. Automated salary calculation and PDF salary slip generation using SQLite integration.

Education

Bachelor of Science in Computer Science

The Quaide Milleth College For Men, Medavakkam

CGPA: 8.3

Certifications

- Full Stack Web Development with Django 5, TailwindCSS, HTMX – Udemy (2025)
- Data Structures for Coding Interviews in Python – Educative (2025)