

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, 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(2022-2025)

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)