ROHITH VIGNESH S

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Career Objective

Aspiring Software Developer with strong expertise 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

1. 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.

2. 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.

3. 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)