Rohan Subhash Darekar

Python Developer | Backend Developer | Django| SQL | REST API |1.4 Years of Experience

📞 +91-9075237180| rohandarekar307@gmail.com | in https://www.linkedin.com/in/rohan-darekar-a865682a5/

GitHub : https://github.com/codingwithrsn33 📍 Pune, India

Summary

- Passionate Python Developer with 1.4 years of experience in designing and developing secure, scalable RESTful APIs using Django, MySQL, and MongoDB. Skilled in backend **system integration**, **API design**, and **automation for cybersecurity and log monitoring solutions**. Experienced in **end-to-end project delivery**, including requirement gathering, development, and on-prem/cloud deployment. Proficient in **OOPs, JWT authentication, CRON jobs**, and **performance optimization**. Hands-on with the **full SDLC** in Agile teams and known for clean, modular code, effective debugging, and collaboration with cross-functional and international clients.

EXPERIENCE

Jr. Software Engineer

I Cube IT System – Pune , India

📅 **5 Feb 2024 – 27 May 2025**

- Developed and maintained scalable **RESTful APIs** using **Django 4.2** and **Django REST Framework**, implementing **JWT-based authentication**, custom permissions, and exception handling.

- Integrated backend logic with **PostgreSQL 14** and **MySQL 8.0** using **Django ORM**, optimized complex queries, and ensured relational data integrity.

- Used **MongoDB 6.0** via **PyMongo** for handling unstructured log data and analytics pipelines.

- Automated periodic tasks using **Linux CRON jobs**, improving system efficiency and reducing manual efforts.

- Collaborated with senior engineers throughout the **Software Development Lifecycle (SDLC)** in **Agile teams**, participating in stand-ups, sprint planning, and code reviews.

- Applied **OOP principles** and modular design patterns to write clean, reusable, and testable Python code.

- Performed thorough **unit testing and debugging** using **Postman**, **PyCharm**, and **Git**, ensuring reliable deployments and API performance.

- Documented backend logic, API contracts, and database schema for internal use and cross-functional handovers.

Practiced writing clean and modular code using **functions and custom classes.**

- Gained hands-on exposure with tools like **Git, VS Code, and** Postman **while testing APIs.**

- Adaptable to learning new technologies (**React**, **Node.js**, **security tools**) based on project needs.

- Strengthened debugging **skills** and followed best practices through regular **code reviews**.

TECHNICAL SKILLS

Programming Languages

- Python , Java

Frameworks & Libraries

- Django, Tkinter, Requests, JSON, SQLite3, Socket, Logging, re (Regex), Threading

Databses

- MySQL, SQLite , PostgreSQL

Tools

- Git, GitHub, GitHub Actions (basic CI/CD), Postman, CRON, JWT, VS Code, PyCharm, AWS (S3, EC2 basics)

Concepts

- REST APIs, OOP, SDLC, Agile, CRUD, API Auth, Debugging, System Integration, API Design, Cybersecurity Fundamentals, Data Exchange Automation, Agile Methodology

PROJECTS

1. SecureCloud Integration Platform

(May 2024 – April 2025) | Client: eSentire, Toronto, Canada

Technologies

- Python (Django), REST APIs, JWT, CRON, MySQL, MongoDB, Git, Postman

Description

A cybersecurity-focused platform built for real-time log ingestion and threat detection. The application fetched logs from multiple external security sources, applied custom Python-based rules, and triggered alerts using a rule engine. It enhanced security visibility and automated alerting for the client.

- Developed a centralized log integration and real-time security alert system to detect potential cyber threats.
- Designed and developed secure REST APIs using Django for log ingestion, user authentication, and access control.
- Built a rule-based alert engine in Python, scheduled using CRON jobs for automated log monitoring.
- Integrated with 5+ third-party security tools using token- based authentication and secure headers.
- Implemented JWT-based authentication and role-based access control to enforce security.
- Utilized MongoDB for scalable log storage and MySQL for structured configuration data.
- Created structured logging and real-time error tracking for better observability and debugging.
- Participated in daily Agile stand-ups and collaborated closely with Canadian clients.
- Improved system performance by optimizing API logic and adding database indexing.
- Reduced manual inspection efforts by 40% through automation and smart rule filtering.

2. Real-Time Chatting Application

(Oct 2023 – Nov 2023)

Technologies

- Python, Socket Programming, Tkinter, SQLite, Threading, JSON

Description

A desktop-based internal messaging application that simulates enterprise communication tools. It supports concurrent user connections, real-time two-way communication, and secure local data storage. Designed for seamless real-time chat using Python's built-in modules.

- Developed a desktop-based internal communication tool supporting real-time messaging and concurrent user sessions.
- Created client-server architecture using Python socket programming for two-way real-time communication.
- Designed GUI using Tkinter, providing a user-friendly chat interface.
- Implemented multi-threaded architecture for handling simultaneous user connections.
- Managed user registration, login, and local message history using SQLite.
- Added features like timestamps, logout functionality, and chat history export.
- Followed clean coding principles using modular design and standard Python libraries.

EDUCATION

B.E. (Computer)　　　　7.80 CGPA

Sinhgad Academy of Engineering

HSC　　　　91.17%

Kakasaheb Mhaske Junior College , AhilyaNagar

SSC　　　　86.40

Kakasaheb Mhaske HighSchool , AhilyaNagar

CERTIFICATIONS

Certification 1

- Python Training & Course Completion – **IIT Bombay (Spoken Tutorial)**

Certification 2

- Backend Development using Django – **Udemy**

Achievements

- Secured campus placement through performance and strong technical skills.
- Recognized as Top Performer in job readiness test during pre-placement training.