SRI RAGAVENDRA BHARATH S

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GitHub: github.com/nanragav | Portfolio: nanragav.github.io/portfolio

Objective

Dedicated Python Backend Developer with expertise in FastAPI, REST APIs, SQLAlchemy, and database optimization. Experienced in building secure, scalable backend systems, API integrations, and automation solutions. Passionate about backend architecture, clean code, and DevOps practices.

Education

Master of Science in Computer Science, Park's College, Tirupur — Expected: 2026

Bachelor of Science in Computer Science, Park's College, Tirupur — Graduated: May 2024

Relevant Coursework: Data Structures, Operating Systems, Networking, Database Systems, Programming

Technical Skills

• Languages & Frameworks: Python, FastAPI, SQLAlchemy, PyUnit, Redis, Selenium

• Databases: PostgreSQL, MySQL, MongoDB

• DevOps & Tools: Docker, Git, GitHub, Postman, CI/CD (basic), Linux Shell

• Cloud Platforms: Azure (AZ-900 Certified), GCP, Firebase

• Others: Log Analysis (Splunk)

Projects

HRM Backend — GitHub: https://github.com/nanragav/HRM-Backend

• Built a RESTful backend system with authentication, attendance management, and role-based access control (RBAC) using FastAPI and SQLAlchemy.

• Designed scalable database models with MySQL and optimized queries for performance.

• Implemented modular architecture with best practices, ensuring maintainability and future feature expansion.

PyDotPwn — GitHub: https://github.com/nanragav/PyDotPwn

• Developed a Python-based security testing tool with API + GUI for automated path traversal detection.

• Integrated custom payload generation and logging for detailed vulnerability reports.

• Designed lightweight performance, enabling use in both local and CI/CD environments.

SQLmap-GUI — GitHub: https://github.com/nanragav/SQLmap-GUI

• Created a GUI wrapper for SQLmap, exposing its full set of options through an intuitive interface.

• Enabled testers to construct complex SQL injection tests without command-line usage.

• Optimized execution for low system resource usage, supporting deployment on lightweight servers.

Backend for Web Application

• Designed and deployed a backend using FastAPI and Supabase.

• Implemented secure authentication, API endpoints, and data models with real-time updates.

• Improved application performance by handling concurrent requests efficiently with async programming.

Log Analysis & Monitoring — Splunk

• Built real-time dashboards for server monitoring and anomaly detection.

• Designed alert systems to notify teams of performance bottlenecks and security risks.

• Automated log ingestion pipelines, ensuring continuous monitoring and fast issue resolution.

Experience

Dynavac India Pvt Ltd, Coimbatore

Python Backend Developer — Oct 2024 – Present

• Designed and maintained backend APIs and automation scripts in Python.
• Integrated database solutions and optimized performance for internal applications.
• Collaborated with teams to improve workflows through backend automation.

Park's College, Tirupur

Lab Assistant (Volunteer) — Nov 2023 – Mar 2024

• Supported student projects involving Python scripting and networking concepts.

Certifications

• Microsoft Azure Fundamentals (AZ-900) – Completed

• Data Science with Python – Brookers Academy, 2023

• Certified Ethical Hacker (CEH) – In Progress