Viraj Gundewar

Software Engineer | DevSecOps | Data Engineering | AI Systems
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PROFESSIONAL SUMMARY

Information Technology graduate with internship experience in Python automation, SQL, REST APIs, data validation, log analysis, and application workflows. Reduced manual verification effort by 60% through automation. Builds projects across backend development, machine learning, and business intelligence, with an interest in secure CI/CD, reliable data pipelines, AI-powered solutions, and customer-focused engineering.

EDUCATION

MIT Art, Design & Technology University — Pune, India
B.Tech in Information Technology — 2022 – 2026

TECHNICAL SKILLS

Programming: Python, SQL, Java, C++, Bash fundamentals
Data Engineering: ETL/ELT concepts, data transformation, data cleaning, validation, data quality, PostgreSQL, MySQL, REST APIs
DevSecOps & Cloud: AWS fundamentals, Docker, CI/CD concepts, Git/GitHub, Linux fundamentals, logging, security checks, monitoring
AI & Forward Deployed: Machine Learning, model integration, AI applications, API integration, solution prototyping, debugging
Frameworks & Analytics: Spring Boot, React, Power BI, DAX, Postman, SQL joins, aggregations, dashboard development
Engineering Practices: Troubleshooting, root cause analysis, technical documentation, Agile, SDLC, version control

EXPERIENCE

Software Development Intern — Feb 2025 – Jun 2025
Digital Defence Foundation — Pune, India

- Automated log monitoring, audit analysis, and data validation with Python, reducing manual verification effort by 60%.
- Analyzed logs and structured datasets to identify inconsistencies, investigate errors, and support troubleshooting and root cause analysis.
- Used Git and technical documentation to improve workflow traceability, maintainability, and team collaboration.

Software Engineering Intern — Oct 2024 – Jan 2025
Spacenos Technologies Private Limited — Remote

- Developed Python scripts and SQL queries for data processing, database record validation, and consistency checks.
- Integrated REST APIs to retrieve and validate application data across services and relational databases.
- Supported API testing, debugging, and SQL troubleshooting to improve application workflow reliability.

PROJECTS

Moonbank – Banking Transaction Management System [Link] — *Java, Spring Boot, MySQL, REST APIs*

- **Problem:** Addresses the need for organized banking transaction management and structured financial records.
- **Features:** Uses REST APIs and MySQL for backend operations and relational data handling.
- **Role:** Developed application workflows using Java and Spring Boot, integrating backend logic with database operations.
- **Outcome:** Demonstrates backend development, API integration, and relational database design concepts.

LinkGuardian AI – Suspicious URL Detection [Link] — *Machine Learning, DNS, Link Analysis*

- **Problem:** Helps users assess suspicious links before interacting with potentially unsafe websites.
- **Features:** Combines machine-learning-based link analysis, DNS checks, and clear risk indicators.
- **Role:** Developed an AI-powered application that presents link-analysis results through a user-friendly interface.
- **Outcome:** Makes potential URL risks easier to interpret through accessible detection results.

CardioLens – Machine Learning Heart Screening [Link] — *Python, Machine Learning, AI*

- **Problem:** Explores how machine learning can support preliminary heart-screening research and education.
- **Features:** Provides a web-based interface for accessing model-driven screening outputs.
- **Role:** Developed an AI-based screening application focused on presenting predictions in an accessible format.
- **Outcome:** Demonstrates machine learning integration and the delivery of model outputs through a web application.

Atlas – Sales Intelligence Dashboard [Link] — *Power BI, DAX, Data Analytics*

- **Problem:** Simplifies analysis of sales, profitability, and customer metrics for business performance monitoring.
- **Features:** Includes interactive visualizations, KPI reporting, and DAX-based business measures.
- **Role:** Developed a dashboard to organize business data and present analytical findings in a clear format.
- **Outcome:** Helps users compare performance trends and interpret data for informed business decisions.

CERTIFICATIONS & ACHIEVEMENTS

Certifications

- **Cloud:** AWS Certified Cloud Practitioner; AWS Academy Cloud Foundations; Oracle Cloud Infrastructure Foundations Associate.
- **AI & Python:** IBM Python for Data Science, AI & Development; AWS Academy Machine Learning Foundations.
- **Cybersecurity:** Certified Ethical Hacker (CEH v12); Introduction to Ethical Hacking.
- **SQL & Data Analytics:** Google Data Analytics; PostgreSQL (Great Learning); Microsoft Power BI Data Analyst (PL-300).
- **API Testing:** Postman API Fundamentals Student Expert; Selenium WebDriver with Java.

Achievements & Leadership

- **Smart India Hackathon 2024:** Winner, 1st Rank; led a team in developing a technology solution.
- **Best Project Award:** Received the departmental Best Project Award twice for academic project work.
- **SynapseAI Club:** Served as Team Lead, supporting team coordination and collaborative technical activities.
- **Placement Coordinator:** Coordinated placement-related communication and engagement with recruiters and industry contacts.