

Sanket Banait

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EDUCATION

NIT Jaipur

Bachelor of Technology in Computer Science and Engineering

Jaipur, Rajasthan

July. 2020 – July 2024

EXPERIENCE

Software Developer

Jan. 2024 – Present

Armorcode India Pvt Ltd

Gurugram, India

- Developed backend services using Spring Boot, integrating APIs to fetch vulnerability and asset data from security and asset management tools, generating scan reports, and transforming raw data into unified data models.
- Implemented deduplication algorithms for vulnerabilities and assets, improving reporting accuracy and enhancing security posture management; utilized Elasticsearch for large-scale data storage and MySQL for managing metadata.
- Designed framework-level enhancements in asset management, including complex algorithms such as Asset Tag Propagation and Asset Matching, to improve risk-based vulnerability management.
- Created frontend components using React, including dynamic modals and customized tool mapping screens, with secure handling of customer-provided credentials via UI-side validations and encryption mechanisms.
- Built an automated Jira-Slack communication system using AWS services (API Gateway, Lambda, and DynamoDB) to streamline issue management processes, enabling message threading and efficient collaboration.
- Configured secure AWS infrastructure with appropriate IAM roles for API Gateway, Lambda, and DynamoDB, supporting efficient data storage and retrieval, and planned automation for data cleanup processes.

Software Developer Intern

Sept 2022 – Sept 2023

Quick Digital Technologies Pvt Ltd (Raaho)

Remote

- Developed the backend for Vibranium, a customer support application, using Python and MySQL to create robust RESTful APIs for features such as KYC verification, freight tracking, profile uploads, employee onboarding, and deactivation, ensuring streamlined workflows and efficient data management.
- Built advanced frontend components for "Vibranium" using React, including dynamic widgets and modals, while integrating backend APIs, automating processes to save 20 hours per week, and reducing customer support issues by 25%.
- Engineered a data reporting platform by integrating Google BigQuery and DBT Framework, reducing subscription costs by 1-2 lakhs per month and ETL load times by 60%.
- Designed and implemented interactive dashboards using Metabase, increasing data accessibility by 30-40% and providing actionable insights through a centralized data warehouse.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript.

Databases: MySQL, PostgreSQL, MongoDB, Elasticsearch, Redis.

Technologies/Frameworks: SpringBoot, React, Apache Kafka, Html/Css, Node.js, Express, ETL workflows.

Coursework: Operating System, DBMS, OOPs, Computer Networks.

Tools: Git, Metabase, DBT, Singer.io, Retool, VS Code, PyCharm, IntelliJ.

Other skills: DSA, Amazon Web Services, Google Cloud Platform (GCP), CI/CD (Jenkins), Software Designs (Figma).

CERTIFICATIONS

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|---------------------|-------------------------------|----------------|
| • <u>Java</u> | • <u>AWS</u> | • <u>Git</u> |
| • <u>SpringBoot</u> | • <u>Application Security</u> | • <u>Kafka</u> |

ACHIEVEMENTS

- Received the prestigious **5H Award** at Armorcode, recognizing exceptional qualities of *Hardworking, Humanity, Humble, Honest, and Hungry*.
- Awarded **Amazon Vouchers** as a prize for singlehandedly designing and building an automated **Jira-Slack communication system**, streamlining cross-team interaction and improving operational efficiency.