

Satyarth

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Education

Siksha 'O' Anusandhan University, Odisha , B.Tech Computer Science	2020 – 2024
• GPA: 8.96/10.0	
• Coursework: Java, Algorithm Design, Operating Systems, Computer Engineering modules	
DAV Public School, Gaya, Bihar , Senior School Certificate Examination (CBSE)	2019 – 2020
• Score: 95.2%	
• Coursework: Physics, Chemistry, Mathematics and Information Technology	

Experience

Associate Software Engineer , Securonix – Pune, Maharashtra	July 2024 – present
• Built Spring Boot microservices to ingest and stream security/syslog data on AWS (S3, EMR/EKS) with a focus on reliability, scalability and low-latency via Apache Kafka.	
• Contributed to integrating Spark analytics (AWS EKS) with Microsoft Sentinel for ingesting telemetry, running enrichment, and publishing results back into Sentinel for cross-platform threat analytics.	
• Contributed to a data fabric that pre-classified high-EPS logs using regex + Aho-Corasick algorithm in Spark (EKS), reducing enrichment workload and improving processing throughput, with categorized output persisted in Snowflake.	
• Built and validated core modules of Securonix ingestion & analytics engines, improving code coverage through targeted unit tests and addressing key security vulnerabilities to harden the platform.	
Software Development Intern , Securonix – Pune, Maharashtra	Aug 2023 – Jun 2024
• Automated 20,000+ UI regression test cases using Cypress JS, running under Dockerized Jenkins pipelines, significantly improving coverage and reliability of frontend flows with reporting on testrail tool	
• Developed Ansible playbooks for automated Linux package installations and integrated them into Jenkins + Docker pipelines to standardize test environments and eliminate manual setup.	
• Contributed to a Python-based utility dashboard leveraging Amazon Bedrock LLM APIs to auto-generate test cases from JIRA Epics/Tickets, cutting test design time and enabling a strong shift-left testing initiative.	

Projects

Kumpiler: Code Image to Output Tech: HTML, Node.js, OCR/ML	Github Link
• Built an OCR + ML pipeline that converts code screenshots into executable source code, enabling compiler-independent code execution via a backend Node.js service.	
• Implemented preprocessing, text extraction, formatting logic, and safe execution handling.	
Smart Contact Manager (SCM) Tech: Java, Spring Boot, MySQL	
• Built a secure contact management system with CRUD operations, role-based access, and OAuth2 authentication.	
• Designed Spring Boot REST APIs, integrated MySQL	

Achievements and Certifications

• SPOT Awards and lead recognitions for quarterly performance at Securonix
• Appreciation certificate for securing 2nd rank in +2 Boards (PCM school) - 2020
• Secured good ranks in college coding competitions
• Completed Oracle Cloud Infrastructure: AI Foundations Associate (2025) Certification - Oracle
• Completed Cyber Security Bootcamp From EYGDS - EYGDS
• Completed DSA With Java Deep Dive Course - Udemy

Technologies

Languages: Java, JavaScript, Python

Backend & Frameworks: Spring Boot, Microservices, REST APIs, Cypress JS, React JS

Distributed Systems & Data: Apache Kafka, Apache Spark

Cloud & DevOps: AWS (S3, EKS, EMR), Docker, Jenkins, Ansible, CI/CD

Monitoring & Tools: Prometheus, Grafana, Git, Postman, Lens, Airflow

Databases: Snowflake, MySQL, MongoDB, Redis

Coding Profiles

- Leetcode: 400+ DSA Problems
- Hacker Rank: 5 Star in Java
- GitHub: 50+ Useful Repositories