

Satyarth

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Education

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| Siksha 'O' Anusandhan University, Odisha , B.Tech Computer Science | 2020 – 2024 |
| <ul style="list-style-type: none">GPA: 8.96/10.0Coursework: Java, Algorithm Design, Operating Systems, Computer Engineering modules | |
| DAV Public School, Gaya, Bihar , Senior School Certificate Examination (CBSE) | 2019 – 2020 |
| <ul style="list-style-type: none">Score: 95.2%Coursework: Physics, Chemistry, Mathematics and Information Technology | |

Experience

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| Associate Software Engineer , Securonix – Pune, Maharashtra | July 2024 – present |
| <ul style="list-style-type: none">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 |
| <ul style="list-style-type: none">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 toolDeveloped 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

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| Kumpiler: Code Image to Output Tech: HTML, Node.js, OCR/ML | Github Link |
| <ul style="list-style-type: none">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 | |
| <ul style="list-style-type: none">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