

SAGAR MISHRA

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EDUCATION

VSSUT, Veer Surendra Sai University of Technology

Bachelor of Technology, Computer Science & Engineering

- CGPA - **9.02**

Sambalpur, Odisha

Aug 2018 – Jun 2022

SKILLS

Languages: Java, Python, C++, JavaScript, SQL, HTML5, CSS3

Technologies/Frameworks: git, React, Oracle, Spring boot, Spring MVC, Spring batch, Typescript, Maven, Junit5, Cucumber testing, Cassandra DB, Docker, AWS ECS, Linux, Jenkins, Hibernate, Apache Kafka

Developer Tools: BMC Control - M, Splunk, VS Code, IntelliJ, Dbeaver, Jenkins CI/CD, Postman, Bruno, Jira

EXPERIENCE

Software Engineer

Cognizant Technology Solutions

Aug 2022 – Present

Kolkata, West Bengal

- Gathered functional requirements and developed technical specifications to deliver robust, scalable solutions for fintech clients, consistently meeting business needs and quality standards.
- Designed and developed **RESTful APIs** and microservices using **Java 21**, **Spring Boot**, and **J2EE**, ensuring modular, secure, and maintainable code for enterprise-scale systems.
- Architected and migrated high-performance applications to **AWS ECS & API Gateway**, leveraging cloud-native services and DevOps practices to improve scalability and reduce operational costs by 25%.
- Resolved defects and bugs across QA, pre-production, and production environments, contributing to continuous improvement and reliable releases.
- Leveraged **Redis** in-memory caching to optimize API performance, reducing redundant downstream API calls by 35% and cutting response times by 40%.
- Streamlined **CI/CD** pipelines using **Jenkins**, **Git**, and **Docker**, automating deployments and ensuring 100% on-time delivery for production releases in a DevOps model.
- Implemented and managed high-throughput data pipelines using **Apache Kafka**, processing over 10,000 messages/second for real-time financial transaction analytics and ensuring data consistency across distributed services.
- Practiced **Agile** development with **SCRUM**, participating in sprint planning, story pointing, and daily stand-ups to enhance team productivity and deliverables.

Intern

Cognizant Technology Solutions

Mar 2022 – Jun 2022

Hyderabad, Telangana


- Built full-stack dashboard with **Spring Boot**, **Java**, **MySQL**, automating filtration, cutting effort by 90%.
- Engineered an interactive **React-based** UI featuring advanced filtering capabilities across 4+ project attributes, resulting in a 45% reduction in user search time.
- Implemented efficient indexing strategies on MySQL database, supporting 400+ users for efficient data querying.

PROJECTS

Leetcode Elo tracker 

- Designed a robust backend using Spring Boot to fetch prebuilt data and update a PostgreSQL database with newly added problems.
- Built and optimized caching mechanisms to streamline API calls from the React frontend, reducing redundant requests and enhancing performance.
- Instrumented a dynamic frontend with React for seamless user interaction and real-time data visualization.
- Automated weekly data updates to ensure the database remains current without manual intervention.

CERTIFICATIONS

- AWS Certified Cloud Practitioner 
- GitHub Copilot: Your AI Coding Assistant. Use Copilot AI to generate code, unit tests, + more.
- Deep Dive in Core Java programming -Standard Edition