

# 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

**Technologies/Frameworks:** HTML5, CSS3, git, React, Oracle, Spring boot, Spring batch, Javascript, ShadCN UI, Maven, Junit5, Cucumber testing, Cassandra DB, Docker, AWS ECS

**Developer Tools:** Control - M, Splunk, VS Code, IntelliJ, Dbeaver, Jenkins CI/CD

## EXPERIENCE

**Software Engineer**

Cognizant Technology Solutions

**Aug 2022 – Present**

*Kolkata, West Bengal*

- Developed high-performance math **Spring Batch** applications for a fintech company, processing millions of records daily, improving data processing efficiency by 30% through optimized batch configurations.
- Architected and migrated scalable RESTful microservices from **Gaia Cloud** to **AWS ECS**, reducing operational costs by 25% and enhancing application scalability.
- Designed and implemented REST APIs using **Spring Boot** framework, consuming **GraphQL** APIs to drive modernization efforts and improve data consistency by 20% across distributed systems.
- 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 achieving 100% on-time delivery for production releases.
- Integrated **Cassandra** NoSQL database into microservices architecture, enabling massive scalability to support high-throughput fintech workloads with 99.9% uptime.
- Collaborated in **Agile** sprints, ensuring 100% on-time delivery through effective story pointing, Planning Poker, and daily stand-ups, enhancing team productivity.

**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%.
- Developed **React** front-end, enabling project filtering with 4+ criteria using modern web technologies.
- Implemented scalable MySQL database, supporting 400+ users for efficient data querying.
- Leveraged Spring Boot, Java, MySQL, and React to create an impactful automation tool.
- Earned Cognizant Digital Nurture full-stack certification, scoring more than 70% in expertise.

## PROJECTS

**Leetcode Elo tracker** 

- Built full-stack dashboard with Spring Boot, Java, MySQL: automated project filtration, 90%+ effort reduction.
- Developed React front-end: enabled efficient project filtering via modern web technologies with more than 4 criterias
- Implemented scalable MySQL database for efficient data management and querying with upto 400+ concurrent users
- Applied full-stack skills (Spring Boot, Java, MySQL, React) to create impactful automation tool.
- Certified in full-stack development (Cognizant Digital Nurture), demonstrating expertise with a score of more than 70%

## 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