

# 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

## EXPERIENCE

**Software Engineer**

Cognizant Technology Solutions

**Aug 2022 – Present**

*Kolkata, West Bengal*

- Improved code coverage from 20% to 90% using JaCoCo, JUnit, and CI/CD pipelines.
- Developed RESTful microservices with APIs, improving data accuracy by more than 15%.
- Reduced API latency by 40% during migration with cloud tools and monitoring.
- Automated data loading using Bash scripts, cutting processing time by 50%.
- Achieved 100% on-time Agile delivery via story pointing, planning poker and daily stand-ups.

**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** 

- Designed Spring Boot backend to fetch and update PostgreSQL database with new problems.
- Implemented caching to optimize React frontend API calls, cutting redundant requests.
- Developed React frontend for seamless user interaction and real-time data visualization.
- Automated weekly data updates, ensuring current PostgreSQL database without manual work.
- Optimized database queries and API response times for improved scalability and efficiency.


## 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

**Developer Tools:** Control - M, Splunk Dashboard, Service Now dashboard, VS Code, IntelliJ, Sql Developer, Jules CI/CD

## 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

## EXTRACURRICULAR

- Demonstrated usage of AI tools like Github Copilot, Codeium and explored its applications
- NCC Member from 2018 to 2021(B & C certificate holder)