

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

- Developed high-performance 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 Lambda, reducing operational costs by 25% and enhancing serverless 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%.
- Led development of automated ETL Bash scripts, enabling seamless data migration between data centers, slashing data loading time by 50% (from 12 hours to 6 hours).
- 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 🔗

- 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)