SAGAR MISHRA

+91-6290632419 | sagarmish1234@gmail.com | sagarmish1234.github.io/portfolio-svelte | linkedin.com/in/sagar-mishra-dev

EDUCATION

VSSUT, Veer Surendra Sai University of Technology · **Sambalpur, Odisha**
Bachelor of Technology, Computer Science & Engineering · Aug 2018 – Jun 2022
- CGPA - **9.02**

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 · **Aug 2022 – Present**
Cognizant Technology Solutions · *Kolkata, West Bengal*
- Spearheaded 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 ECS**, reducing operational costs by 25% and enhancing application scalability.
- Designed and authored 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 · **Mar 2022 – Jun 2022**
Cognizant Technology Solutions · *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.
- 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

Leecode 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.
- Optimized database queries and API response times for enhanced scalability and efficiency.

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