

Himanshu Singour

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SUMMARY

Java Developer with 3+ years of experience delivering scalable software solutions. I've built and deployed **cloud-based applications** supporting up to **5 million active users**. I've engineered **real-time data streaming architectures**, processing **7 million data points/day**, improving efficiency by **80%**. Skilled in **High-Level Design (HLD)** for scalable systems and **Low-Level Design (LLD)** for maintainable code. Committed to optimizing performance, launching large-scale applications, and driving innovation.

SKILLS

DEVELOPMENT

Over 7000 lines of code:

- Spring Framework • Microservices
- MySQL • Cassandra DB • Apache Kafka
- Apache Camel • MongoDB • React Js
- Angular • Git/Github • Design Patterns
- System Design(HLD/LLD)

CLOUD

Docker • Kubernetes • Linux • Jenkins
CI/CD • AWS Cloud

PROGRAMMING

Java • Javascript • Python • C/C++ •
MySQL

COURSEWORK

Algorithms and Data Structures
DevOps and Tools (Docker, Kubernetes)
Software Development Life Cycle (SDLC)
Design Pattern For Microservices
Cloud Computing (AWS)
Database Management (SQL, NoSQL)

EDUCATION

RGPV UNIVERSITY

B.TECH IN ELECTRONIC AND
COMMUNICATION

May 2018-2022 | Bhopal, MP

LINKS

Github: Himanshu Singour
LinkedIn: Himasnhu Singour
Medium: Himanshu Singour

INFOSYS | SPECIALIST PROGRAMMER (STRATEGIC TECHNOLOGY GROUP)

July 2022 – Present | Pune, Maharashtra

Project: BNSF (Burlington Northern Santa Fe Railway) | Java Backend Developer

- Led the migration of **BNSF Railway system** from a **wireframe-based architecture** to a **Java-based microservices architecture** using **Docker** and **Kubernetes**, improving system scalability by **25%**.
- Developed and optimized over **130+ RESTful APIs** using **Apache Camel** and **Kafka** for **real-time data processing** in **logistics** and **inventory management**, and integrated advanced **payment gateways** for enhanced **transaction security**.
- Implemented secure **authentication** and **authorization mechanisms** with **JWT** and **OAuth 2.0** to protect **sensitive freight data** across services.
- Enhanced **CI/CD pipelines** with **Jenkins** and **JFrog**, reducing deployment times by **20%** and supporting smoother **release cycles**, while improving system performance by **30%** through **multi-threading** and **asynchronous processing**.
- Introduced **CQRS pattern** and **Specification Builder** to improve **search efficiency** and optimize **data retrieval** across microservices for enhanced system scalability and performance.

Project: RBC (Royal Bank Of Canada) | Java Backend Developer

- Worked closely with the **Risk Management** and **Compliance** departments to automate **financial data workflows**, ensuring accuracy and meeting **regulatory standards**.
- Built and optimized **90+ RESTful APIs**, boosting performance, speeding up data processing, and ensuring **compliance**.
- Handled **millions of users** and managed **24,000 requests per second**, optimizing the system to scale efficiently during **peak times**.
- Used **High-Level Design (HLD)** and **Low-Level Design (LLD)** concepts to design a robust architecture ensuring **high availability**, **zero downtime**, and **fault tolerance**.
- Built custom **CI/CD pipelines** in **Jenkins**, optimized performance with **SQL** and **Redis**, and utilized **AWS services** (Lambda, ECR, EKS, S3) for scalable infrastructure with integrated **Elasticsearch** for search and reporting.

SUVENCONSULTANTS.COM | SOFTWARE DEVELOPMENT ENGINEER 1

June 2021 – 2022 july | Mumbai, Maharashtra

Project: Training and E-learning Platforms | Java Full-Stack Developer

- Developed 30+ **RESTful APIs** and optimized **MongoDB** and **Cassandra DB** to handle **6,000 requests/hour**, improving system performance.
- Automated deployments with **Jenkins CI/CD pipelines** and conducted **code reviews** to ensure high-quality, maintainable code.
- Built and maintained responsive UIs using **React.js**, optimizing performance with **React Hooks** and **Redux** for efficient state management.
- Implemented features like **lazy loading** and **code splitting**, improving app speed and reducing page load times.

ACHIEVEMENTS

TCS Codevita 2022 SN:10

Google Kick Start 2021:

Google Code Jam Contest Start 2021:

Ranked **19th**/300,000, Global

Rank **#789** globally

Rank **#89** globally