

SAURAV SUMAN

SOFTWARE ENGINEER

[LINKEDIN](#) | [GITHUB](#)

Gurugram, India | +91 706-103-6502 | sauravsrivastava121@gmail.com

PROFILE SUMMARY

Detail-oriented Software Engineer with over 2+ years of experience in full-stack development. Proficient in Java, Spring Boot, SQL, MySQL, and React, specializing in designing, developing, and deploying scalable microservices and cloud-based applications. Expertise in containerization with Docker, AWS cloud deployment, and RESTful API development. Strong background in data structures, algorithms, and system design.

TECHNICAL SKILLS

Languages: Java, Java8, JavaScript, SQL, PL/SQL, C++

Frameworks: Spring Boot, Hibernate, JPA, React, Node.js

Tools & Technologies: Spring Boot, Hibernate, JPA, React, Node.js

Databases: MySQL, MongoDB, MSSQL

Other Skills: REST APIs, Microservices, System Design, Multithreading, Data Structures & Algorithms, Dockerization

EDUCATION

Bachelor's in Computer Science Engineering

2018 – 2022

Chandigarh University – Punjab, India

CGPA: 7.70

Relevant Courses: Computer Fundamental, Data Structures & Algorithms, System Design, Database Management Systems

WORK EXPERIENCE

Software Engineer

September, 2022 – Present

HealthAssure Private Limited – Gurugram, Haryana

- Designed and implemented microservices using **Spring Boot** and **Kafka**, improving system scalability by 30%.
- Optimized **SQL** queries to reduce data retrieval time by 25%, enhancing database performance.
- Dockerized Spring Boot and MySQL applications, reducing deployment time by 40%.
- Deployed applications on AWS EC2, ensuring 99.9% uptime and high system reliability.
- Developed front-end components using React and Redux, improving page load times by 20%.

- Contributed to backend development using Java and Spring Boot, reducing feature deployment times by 30%. Knowledge of Hibernate and JPA for database management.
 - Managed relational databases with Hibernate and JPA, increasing query efficiency by 20%.
 - Enhanced user experience by developing front-end features with React and Redux, improving performance by 15%.
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PROJECT'S

Product API for Provider Integration

September, 2022 – Present

HealthAssure Private Limited

This module is critical to the organization, integrating new providers such as Redcliffe, Healthians, and SRL, while also providing backend support for the mobile application. Key responsibilities include:

- Led the integration of **Redcliffe** Health and other providers through REST API development using Spring Boot. Improved appointment booking by 20%.
- Developed and optimized complex SQL queries for better data management and retrieval, reducing response time by 30%.
- Provided backend support for mobile app services and ensured high system availability by resolving critical bugs.

OPS Portal Application

September, 2022 – Present

HealthAssure Private Limited

Contributing to a healthcare platform managing large appointment datasets, with a focus on performance and scalability. Key responsibilities include:

- Developed role-based access control for various user roles (Admin, Sub-Admin, Doctor, Patient) in a healthcare platform using React and Redux.
 - Refactored a complex module, enhancing performance and scalability by 15%.
 - Managed production bug fixes and handled database operations with Spring Boot and MySQL.
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LANGUAGES

English : Fluent

Hindi: Native