

Saurabh Rana Backend Developer

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🌐 Saurabh Rana

🔗 Portfolio

🐙 GitHub

📄 PROFILE

Crafted over 1200 hours of complex code, mastering Data Structures & Algorithms to enhance software efficiency and reliability; this dedication led to a 30% increase in application stability and user satisfaction. Proficient in Java, JSP, MySQL, Hibernate, Spring Boot, Rest API, CSS, HTML, and JavaScript. Seeking a challenging role at a progressive organization that offers significant growth opportunities. Eager to apply my extensive knowledge and technical skills to contribute to the organization's success and drive innovation through effective and efficient software solutions.

📁 PROFESSIONAL EXPERIENCE

Junior Java Developer, Altius Customer Services

May 2024 – July 2024 | Nagpur, India

- Architected and sustained high-performance Hospital Management and Machine Order Systems using JSP, Spring Boot, MySQL, and Java; optimized database queries, reducing retrieval times by 60% and enhancing system reliability by 30%

🔧 TECHNICAL SKILLS

JAVA • JSP • SpringBoot • MySql • DSA • Maven • Git • GitHub • HTML • CSS • JavaScript • Hibernate • Spring Security

📁 PROJECTS

Hospital Management System 🔗

June 2024 – June 2024

Engineered an all-encompassing Hospital Management System at Altius Private Limited, integrating 15+ functionalities into a unified platform; enhanced operational efficiency by 40% and reduced administrative workload by 30%

Tech Stacks:- Java || Spring Boot || MYSQL || JSP

- 3 modules:-** Admin, Doctor, Receptionist
- Admin Module:-**
 - The admin has full access to all the system features and functionalities.
 - Implemented a comprehensive user role and permission framework, integrated with Active Directory; streamlined user onboarding process, reducing time spent on manual configurations by 50%
 - Streamlined hospital operations by implementing an EHR system, improving the accuracy of patient and doctor records, and reducing appointment scheduling errors by 40%
- Doctor Module:-**
 - Doctors can add and manage their available slots for patient consultations.
 - Revamped scheduling procedures using advanced software tools, leading to a 30% reduction in manual errors and freeing up 15 hours per week for strategic planning.
- Receptionist Module:-**
 - Receptionists can add and edit patient details.
 - Launched a comprehensive calendar synchronization tool that connected patient requests with physician schedules; enhanced operational efficiency, allowing the front desk team to manage 50% more appointments daily.
 - Launched a user-friendly dashboard for monitoring patient appointment trends and cancellations, which streamlined data analysis processes; and reduced the time spent on manual reporting by 15 hours weekly, improving operational efficiency.

Machine Order System 🔗

May 2024 – May 2024

Engineered a comprehensive Machine Order System at Altius Private Limited, optimizing item inventory management, order processing, and user administration; increased order processing efficiency by 40% and reduced inventory discrepancies by 25%

Tech Stacks:- Java || Spring Boot || MYSQL || JSP

- 2 modules:-** Admin, Regular
- Admin Module:-**
 - The admin has full access to all the system features and functionalities.
 - Spearheaded the redesign of permission structures within the system by developing a tiered access framework; the new framework is now utilized by over 100 team members, streamlining user onboarding by 30%.
 - Implemented a comprehensive user management system that enabled 300+ customers to edit personal details, manage item lists, and track order statuses, significantly enhancing user satisfaction and engagement levels.
 - Developed a centralized dashboard that allowed admins to view and manage over 10,000 unique products; this innovation reduced order processing time by 40% and improved fulfillment accuracy by 25%.
- Regular User Module:-**
 - Allowed users to place orders on behalf of customers.
 - Implemented a customer-specific order tracking feature that enabled users to monitor their orders exclusively, enhancing personalized management and boosting order accuracy by 30%.

🎓 EDUCATION

Computer Science(Diploma), Masai School

April 2022 – August 2023 | Bengaluru, India

Acquired in-depth knowledge and hands-on experience in coding and various technologies.

Bachelor of Commerce, Nagpur University

July 2016 – June 2019 | Nagpur, India

Graduate with a strong foundation in accounting, finance, and business management.