Saurabh Rana Backend Developer

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👤 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, Spring Boot, Spring MVC, Spring Security, Hibernate, 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, Spring MVC, Spring Security, MySQL, and Java** optimized database queries, reducing retrieval times by **60% and enhancing** system **reliability by 30%**

🎗 TECHNICAL SKILLS

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

📁 PROJECTS

Hospital Management System 🔗   June 2024 – June 2024
Devised an innovative Hospital Management System at Altius Private Limited, unifying **15+ essential functions** to elevate operational efficiency by **40%; system** is currently utilized by over 250 healthcare professionals for enhanced patient care.
Tech Stacks:- Java ‖ Spring Boot ‖ MYSQL ‖ JSP ‖ Spring MVC ‖ Spring Security
- **3 modules:-** Admin, Doctor, Receptionist
- **Admin Module:-**.
- Executed a user role and permission framework integrated with Active Directory; led to a significant reduction in onboarding errors, enhancing the **user experience for 200+ employees** and optimizing overall operational workflows.
- 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.**
- Implemented an intuitive dashboard for tracking patient appointment trends and cancellations; streamlined data analysis processes, resulting in a weekly reduction of **15 hours** spent on manual reporting and enhanced operational workflow.

Machine Order System 🔗   May 2024 – May 2024
Developed a comprehensive Machine Order System that integrated seamlessly with existing workflows, resulting in the efficient management of **5,000+ inventory** items and a notable reduction in processing **times of 40%.**
Tech Stacks:- Java ‖ Spring Boot ‖ MYSQL ‖ JSP
- **2 modules:-** Admin, Regular
- **Admin Module:-**
- 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+ customer**s 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.