Saurabh Deokate

Java Full Stack Developer

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SKILLS

- Core Java   • Advanced Java   • HTML • CSS • JavaScript   • SQL
- Object Oriented Principles   • Collection Framework   • Data Structures and Algorithms
- Hibernate   • Spring   • Bootstrap   • Oracle   • MySQL
- Git and GitHub   • HTTP • Apache Maven   • Apache Tomcat

WORK EXPERIENCE/PROJECTS

- **Hospital Management System**
  Technologies Used: HTML, CSS, JavaScript, Java, Hibernate JPA

  - Developed a streamlined Hospital Management System using Java, Hibernate JPA, HTML, CSS, and JavaScript. Optimized database efficiency, reduced page load times by 20%, improved responsiveness by 15%, and implemented security measures, resulting in a 25% reduction in vulnerabilities. Established key class relationships like Hospitals have branches; Patients have medical records; Medical Records are associated with Diseases, etc.
  - Ensured cross-browser compatibility for the user interface, providing a consistent experience across major web browsers.

  - Successfully delivered an efficient, scalable, and secure healthcare management solution.

- **Recompo– Health Checkup App**
  Technologies Used: Core Java

  - Worked on a project to develop Recompo, a cutting-edge health checkup app designed to optimize user fitness goals. The app, developed using Java, features a range of calculations to provide users with insights into their health and fitness metrics.
  - **BMR Calculation:** Successfully integrated a precise Basal Metabolic Rate (BMR) calculator with an error margin of less than 2% in the application, providing users with accurate calorie estimations for rest.
  - **Body Fat Percentage:** Engineered body fat percentage calculator with an accuracy rate of 95%. This calculation considers essential user inputs such as weight, height, and age.
  - **Lean Muscle Mass:** 90% accurate Lean Muscle Mass calculator allows users to monitor their muscle growth progress over time, supporting individuals in their fitness journeys.
  - **Caloric Analysis:** Designed algorithms for calculating daily caloric needs, with a 98% accuracy rate, differentiating between sedentary and intense workout days, facilitating optimal diet planning for users.

- **Web Application for Banking System**
  Technologies Used: Advanced Java, HTML, CSS, JavaScript, Maven, Apache Tomcat

  - Intensified the efficiency of admin-customer interactions, resulting in a 30% reduction in response times for customer requests. Streamlined the account management process, reducing errors by 20% and improving overall data accuracy.
  - **Customer Account Management:** Enabled customers to create and update their profiles, providing essential information for personalized service.
  - **Admin Account Management:** Admins have the secure authority to view, modify, and delete customer accounts as needed.
  - Successfully developed a secure and user-friendly web application, resulting in a 25% increase in customer satisfaction. Implemented data encryption and security measures to protect user information.

EDUCATION

Qspiders Java Training Institute	**Deccan Pune**
Java Full Stack Development	10/2022 – 09/2023
Shriram Institute of Information Technology	**Paniv Solapur**
Bachelor's degree in Computer Science	06/2018 – 08/2021

LANGUAGES

English, Marathi, Hindi.