Sandeep Anand

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EDUCATION

Rajasthan Institute of Engineering and Technology	Jaipur, India
B.Tech/Computer Science and Engineering (**CGPA: 8.02**)	2019 – 2024

EXPERIENCE

Software Developer Intern @ AdmitWave   Sept 2024 – Feb 2025 | Greater Noida
- Architected web applications using Spring Boot (backend) and React.js (frontend), optimizing performance and scalability.
- Implemented and secured RESTful APIs to ensure reliable data flow and system security.
- Containerized applications using Docker and managed version control with Git for seamless deployment.

PROJECTS

G-Bus (Bus-Reservation-System) | Link
Tech stack: Java, Spring Boot, Hibernate, MySQL, React.js, RESTful API, Payment Gateway, Docker.
- **Engineered** a scalable full-stack web application for bus reservations using **Spring Boot** and **React.js**, serving a large user base efficiently.
- **Designed and secured** the backend with **Spring Boot** and **RESTful APIs**, implementing **45-character random string-based authentication** for robust data protection.
- **Built and optimized** a user-friendly frontend with **React.js**, enhancing user satisfaction and interface responsiveness.
- **Managed data persistence** with **Hibernate** and **MySQL**, minimizing query times and improving performance.
- **Integrated payment gateways** for seamless and secure transactions, ensuring efficient payment processing.

Gym Web App | Link
Tech stack: React.js
- **Crafted** a dynamic user interface with **React.js**, boosting user engagement and interactivity.
- **Developed** responsive components for seamless adaptation across various devices and screen sizes.
- **Utilized React Context** and **Hooks** for efficient state management, enhancing responsiveness and user experience.
- **Optimized front-end performance** with **code splitting** and **lazy loading**, reducing load times significantly.

Room-Rental-System | Link
Tech stack: Core Java, JDBC, MySQL
- **Programmed** a **robust backend** system in **Java** to manage room rental operations, showcasing clean architecture and modular design.
- **Implemented** a booking management feature to handle room availability, search, and reservations efficiently
- **Constructed** a user-friendly interface for managing bookings and viewing availability, focusing on ease of use.
- **Harnessed JDBC** for data handling and **boosted** database performance with **MySQL**, improving query execution times.

SKILLS & Technologies

Languages: Java, JavaScript, SQL.

Libraries: React.js, Java Collection Framework.

Frameworks: Spring Boot, Hibernate.

Web Technologies: HTML, CSS, JavaScript, React.js.

Databases: MySQL.

Tools: Maven, JDBC, Docker, Git, GitHub, Eclipse, Vs Code.

Key Concepts: Data Structures & Algorithms, Object-Oriented Programming, Database Management.

CERTIFICATIONS

Java Full-stack Developer Training @ Jspiders, Bengaluru | Link   Sept 2023 – May 2024
- Completed intensive training covering Java, Spring Boot, React.js and database management.
- Gained hands-on experience of full-stack application development and deployment.