

UDHAYAN M

SOFTWARE DEVELOPER

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Profile Summary

Full-stack developer proficient in HTML, CSS, JavaScript, Bootstrap, React, Java, Spring Boot, and Oracle with 6 months of internship experience in web application development. Skilled in performance optimization, responsive design, and RESTful APIs, and passionate about agile methodologies and continuous integration. Eager to contribute to a dynamic team and create innovative, user-friendly solutions while advancing technical skills.

Experience

Besant Technologies

Jan. 2024 – Present

Fullstack Developer Intern

Chennai

- Leveraged HTML, CSS, JavaScript, and Bootstrap to create responsive and user-friendly web interfaces, enhancing the overall user experience and achieving a 30% increase in user engagement.
- Utilized Java and Spring Boot to design and implement robust backend services, enabling seamless integration with front-end applications and ensuring high performance and scalability.
- Employed Oracle SQL to design, develop, and manage complex databases, optimizing queries and improving data retrieval efficiency by 25%.
- Worked in an agile development team to deliver full-stack solutions, using tools such as Git for version control and participating in code reviews to maintain code quality and consistency.

Projects

Personal Finance Manager | HTML, CSS, Bootstrap, JavaScript, React, Java, Spring Boot, Oracle

March 2024

- Designed and implemented the application using HTML, CSS, JavaScript, Bootstrap, Java, Spring Boot, and Oracle SQL, enabling users to efficiently track and manage expenses, income, and savings.
- Utilized Spring Security for secure login and user authentication, and leveraged Oracle SQL for data storage and real-time data analytics, providing users with interactive charts and reports to gain insights into their financial health.
- Employed responsive web design principles and Bootstrap to ensure the application is accessible and visually appealing across various devices, enhancing user engagement and satisfaction.

Students Management System | HTML5, CSS3, Bootstrap, JavaScript, React, Java, Spring Boot, Oracle

May 2024

- Developed a comprehensive database schema using Oracle SQL to manage student records, ensuring efficient data storage, retrieval, and integrity across entities such as students, courses, and grades.
- Created an intuitive and responsive web interface with HTML, CSS, JavaScript, and Bootstrap, and built backend services using Java and Spring Boot, providing secure and seamless interaction between the frontend and the database, enhancing user accessibility and experience.
- Implemented advanced SQL queries and optimization techniques, reducing query response times by 40% and ensuring quick access to student records for administrative tasks.

Technical Skills

Front-end Tool: HTML, CSS

Front-end Framework: Bootstrap, Material UI, React

Programming Languages: JavaScript, Java

Back-end Framework: Spring Boot

DataBase: Oracle, My SQL

Education

St. Joseph's College of Engineering

Aug. 2019 – Apr 2023

Bachelor of Engineering in Mechanical Engineering

CGPA: 7.89

Certifications

HTML, CSS, Bootstrap, JavaScript, React Course

2024

Besant Technologies

Java, Spring Boot, Oracle, My SQL

2024

Besant Technologies