

Saahil Lia

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Professional Overview

Passionate and driven student with a foundation in Java programming, database design, and GUI development. Skilled in building robust, user-friendly systems such as university management platform and academic tool. Eager to learn new technologies and deliver innovative solutions that make a tangible impact.

Education

M S Ramaiah University Of Applied Sciences
B.Tech (CSE)
CGPA : 8.35

2022 – 2026
Karnataka, India

Projects

University Management System

- **Description :** Designed a thorough university management system with an emphasis on an intuitive user interface. The system has strong features for handling administrative duties, students, and classes. Implementing a role-based access control system was a crucial step in ensuring data integrity and safe, permission-based access.
- **Role :** Backend (Java), Database design and development
- **Technologies Used :** Java, SQL, Java Swing, Object-Oriented Programming (OOP).
- **OutCome :**
 - **Improved user experience:** To expedite administrative procedures, a simple, user-friendly GUI was created.
 - **Better data management:** Effective tools for managing student and course data were developed, including the ability to generate dynamic reports.
 - **Enhanced security:** To safeguard private information and guarantee approved use, a strong, role-based access control system was put in place.

Portfolio Website

- **Description :** Focused on creating a contemporary, engaging user experience while designing and developing a completely responsive personal portfolio website. The job entailed developing a simple and captivating user interface, putting fluid animations into place, and making sure the website works perfectly on all screens and devices.
- **Role :** Frontend Development.
- **Technologies Used :** HTML, CSS, Javascript.
- **OutCome :**
 - **Optimized for all devices:** Developed a responsive layout that adapts seamlessly to desktop, tablet, and mobile screens, enhancing accessibility for a wider audience.
 - **Enhanced user engagement:** Implemented modern animations and interactive features to provide a dynamic and memorable browsing experience.
 - **Effective project showcasing:** Created a professional platform to effectively display personal projects, including detailed descriptions and visual assets, to potential employers and collaborators..

Skills

Languages — Java, Python

Version control — Git, Github

Operating Systems — Linux, Windows

Web Development — HTML, CSS, Javascript

Databases — SQL

Soft Skills — Problem Solving | Team Collaboration | Effective Communication | Time Management | Critical Thinking | Fast Learner