

Rajat Shetty

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Professional Summary

A motivated and detail-oriented engineering graduate with foundational knowledge in software development and programming, including Python, C, HTML, CSS, and SQL. Familiar with Agile methodologies and experienced in working on team-based projects and academic applications. Strong analytical skills with a desire to expand my skill set and contribute to dynamic, collaborative environments.

Skills

- **Languages:** Python, C, HTML/CSS, SQL.
 - **Database Management:** SQLite3, MySQL.
 - **Web Development:** Responsive Design, Front-End Frameworks, UI Development
 - **Other:** Git version control, problem-solving, teamwork.
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Projects

Portfolio Website

Technologies used: HTML, CSS, JavaScript

- **Overview:** Developed a personal portfolio website to showcase my projects, technical skills, and background. Focused on creating an interactive and visually appealing design that reflects modern web standards.
 - **Features:**
 - **Responsive Design:** Ensured compatibility across devices by using media queries and a mobile-first approach, providing an optimal experience for desktop, tablet, and mobile users.
 - **Interactive Elements:** Added JavaScript-based animations and transitions for a dynamic user experience.
 - **Contact Form:** Created a functional contact form with client-side validation, allowing potential employers or collaborators to reach out easily.
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Student Portal

Technologies used: HTML, CSS, JavaScript, SQL

- **Overview:** Created a web-based student portal that allows schools or institutions to manage and track student data, attendance, and grades.
 - **Features:**
 - **Secure Login & Authentication:** Designed a login page using JavaScript, with user authentication, to ensure data privacy and restrict access to authorized users.
 - **User Roles:** Incorporated a role-based access system with separate permissions for students, teachers, and administrators.
 - **Database Integration:** Utilized SQL to store and manage data related to student records, enabling quick and secure data retrieval.
 - **User-Friendly Interface:** Implemented a clean and accessible interface, prioritizing ease of use for all types of users, from students to administrators.
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Education

Bachelor's in Mechanical Engineering

Shree Rayeshwar Institute of Engineering and Information Technology | 2024

Coursework

- CS50's Introduction to Computer Science.
- 100 days of code [Python]