PRITESH RATHOD

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PROFILE

Motivated and detail-oriented Computer Applications student with hands-on experience in full-stack development, particularly using Python, Flask, SQL, and front-end technologies. Skilled in building real-world applications that address practical problems. Demonstrated ability through two major projects:

 ◆ BuildTrack – A construction management system built with Flask, SQLAlchemy, and OpenCV. The system enables real-time face recognition-based attendance, dashboard management, progress tracking, and efficient project data handling in a construction environment.

 ◆ Personal Portfolio Website – A responsive personal website created with HTML, CSS, JavaScript, and Bootstrap. It showcases skills, resumes, and project portfolios.

PROJECTS

 ◆ BuildTrack – Construction Management System

A tech-based platform for streamlined project tracking and better management in construction environments.
• Developed using Flask (Python) with SQLAlchemy for database integration and Bootstrap for responsive UI.
• Implemented face recognition-based attendance system using OpenCV and real-time camera, connected to SQLite.
• Created role-based dashboards for users and admins, including features like project tracking, material management, and report uploads.
• Built and managed project progress tracking charts, user notifications, and user-specific data views.
• Stored and managed attendance, report data, and page data efficiently using a relational database.

 ◆ Personal Portfolio Website

A personal site to showcase skills, projects, and contact information.
• Designed and developed using HTML, CSS, JavaScript, and Bootstrap for a mobile-friendly interface.
• Integrated sections like About, Skills, Projects, Resume, and Contact.
• Included working email contact form (via EmailJS or FormSubmit) for recruiter

connection.
• Organized skill icons and project highlights in a grid layout for visual presentation.

EDUCATION
K. S. School of Business Management and Information Technology
Gujarat University, Ahmedabad
M.sc(CA & IT)

TECHNICAL SKILLS
- Languages: Python, Java, C, HTML, CSS, JavaScript
- Frameworks/Libraries: Flask, Bootstrap
- Databases: SQL, MySQL
- Tools: Git, GitHub, VS Code
- Concepts: OOP, DBMS, Web Development, Project Management