

# Rishabh Babu

Aspiring Software Engineer — Web Developer — Data Analysis Learner

Agra, Uttar Pradesh, India

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## Professional Summary

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Computer Science undergraduate with hands-on experience in Web Development, Data Analysis, and problem-solving using Data Structures and Algorithms. Built multiple real-world academic and personal projects using Python, Flask, Node.js, MongoDB, and modern web technologies. Actively seeking internship or entry-level opportunities as an Aspiring Software Engineer.

## Technical Skills

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**Programming:** Python, C, C++, JavaScript, SQL

**Web Development:** HTML, CSS, JavaScript, Flask, Node.js, Express

**Data Analysis:** Pandas, NumPy, Matplotlib

**Databases:** MongoDB, MySQL

**Core CS:** Data Structures & Algorithms, OOPs, REST APIs

**Tools:** Git, GitHub, VS Code, Postman, Linux

## Projects

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### Smart Campus Management Portal

GitHub

- Full-stack system with role-based dashboards for Students, Teachers, and Admins.
- Features include attendance tracking, issue management, and analytics.

### Lost & Found Management System

GitHub

- Web application to report, verify, and manage lost and found items.
- Implemented secure CRUD operations and admin approval workflow.

### DayFlow – HR Management System

GitHub

- HRMS with employee profiles, attendance tracking, and leave management.
- Designed backend logic and role-based access control.

### Data Analysis Mini Projects

Python

- Performed data cleaning, analysis, and visualization using Pandas and Matplotlib.

## Education

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### B.Tech in Computer Science Engineering

Parul University

2023 – 2027

## Mini Projects

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- **Python Games (Stone–Paper–Scissors):** Implemented game logic using Python with clean conditional flow.
- **Social Media Downloader:** Built a Flask-based tool to download media with format and resolution selection.
- **Portfolio Website:** Designed and deployed a responsive personal portfolio using HTML, CSS, and GitHub Pages.
- **Data Analysis Practice Projects:** Analyzed datasets using Pandas and visualized insights with Matplotlib.