

Resume

ROHAN GIRI

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Professional Summary

Motivated BCA student with knowledge of Java, Python, web development, and database management. Skilled in building backend applications and user-friendly web interfaces. Proficient in Python and interested in writing clean and efficient code. Quick learner with good problem-solving abilities and passion for learning new technologies. Looking for an entry-level opportunity as a Front-End Developer, Java Developer, or Python Web Developer to improve my skills and grow professionally.

Technical Skills

- **Programming:** Java, C++, C, SQL, Python, .NET
 - **Frontend:** HTML5, CSS3, JavaScript, Bootstrap
 - **Backend:** JDBC, Flask, FastAPI
 - **Database:** MySQL, MS Access
 - **Tools:** GitHub, Gut, MySQL Workbench, VS Code, IntelliJ IDEA, Render
 - **Core Concepts:** OOP, DBMS, Data Structures
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Projects

AI Website Audit Tool (Python + FastAPI + MySQL + Lighthouse)

Live Demo: <https://website-audit-tool-t3w9.onrender.com>

Technologies: Python, FastAPI, MySQL, HTML, CSS, JavaScript, Bootstrap, Lighthouse

- Developed an AI-powered Website Audit Tool using Python, FastAPI, MySQL, HTML, CSS, JavaScript, and Bootstrap to analyze website quality and performance.
- Integrated Google Lighthouse to evaluate key performance metrics including FCP, LCP, Speed Index, TTI, TBT, and CLS.

- Implemented automated SEO, Accessibility, Security, and UI/UX analysis using Python and BeautifulSoup.
- Generated comprehensive audit reports with findings, recommendations, screenshots, and performance insights through REST APIs.
- Deployed the application on Render and automated multiple website auditing processes into a single dashboard, improving evaluation efficiency.

School Bus Safety & Pickup Tracking System (Python + Flask + MySQL)

Technologies: Python, Flask, MySQL

- Designed and developed a real-time school bus tracking system to improve safety and communication between parents, drivers, and school administrators.
- Implemented role-based access control and notification features to ensure timely updates on trip status and important events.
- Built secure and scalable backend services using Flask and MySQL, handling user authentication, data management, and API integration.

Student Record System (C++)

Technologies: C++, File Handling

- Developed a C++ console application to manage student records, implementing 100% CRUD functionality (add, view, search, update, delete) using file handling.
- Stored and retrieved student data using binary file I/O, ensuring data persistence across multiple program runs.
- Improved data accuracy and usability by adding input validation and structured program flow, strengthening skills in C++, OOP, and data management.

Education

Bachelor of Computer Applications (BCA) —

Gopal Krishna Gokhale College, Kolhapur (*Affiliated to Shivaji University, Kolhapur*)

2023 – 2026 | Current CGPA: 8.26 / 10

Certifications

- Java Programming
- IBM and Design Thinking
- HTML & CSS
- Excel Basic

Strengths

- Teamwork
- Problem-Solving
- Fast Learner
- Time Management