

RAVIKISHAN SAH

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OBJECTIVE

Aspiring Software Developer currently pursuing **Master of Computer Applications (MCA)** with a strong academic background in **Computer Applications (BCA, CGPA 8.77/10)**. Proficient in **Java, Python, C, C++, and full-stack web development** using **HTML, CSS, JavaScript, Django, and SQL**. Hands-on experience in building scalable web applications with **CRUD operations, RESTful APIs, authentication, MVC architecture**, and database design. Familiar with **Data Structures, Algorithms, OOP principles, SDLC, and version control using Git/GitHub**. Highly motivated to contribute in **Agile/Scrum environments** and continuously upskill in modern software technologies.

EDUCATION

Master of Computer Applications (MCA) (SPPU)

July 2025 - Present

Zeal Institute of Business Administration, Computer Application and Research, Pune (ZIBACAR)

- Pursuing advanced studies in computer applications, focusing on software development, web technologies, and database systems

Bachelor of Computer Applications (BCA) (SPPU)

2022 - 2025

H. V. Desai College, Pune, India

- CGPA :** 8.77/10
- Completed comprehensive coursework in programming, data structures, algorithms, and software engineering

TECHNICAL & SOFT SKILLS

Programming Languages: C, C++, Java, Python

Web Technologies: HTML5, CSS3, JavaScript (ES6), Django Framework

Database Technologies: SQL, PL/SQL, SQLite

Concepts: Object-Oriented Programming (OOP), Data Structures & Algorithms, MVC Architecture, RESTful API Development, CRUD Operations, Authentication & Authorization, SDLC

Tools & Platforms: Git, GitHub, VS Code, MS Office, Basic Linux

Core Competencies: Full-Stack Web Development, Database Design, Responsive Web Design, Debugging, Problem Solving

Soft Skills : Analytical Thinking, Problem Solving, Team Collaboration, Effective Communication, Adaptability, Time Management, Quick Learner

PROJECTS

Car Info System : A comprehensive system for managing car information

Jan 2025 - Mar 2025

Tools: HTML, CSS, JavaScript, Django, SQLite

[Repository](#)

- Designed and developed a **full-stack web application** for managing car-related information using **Django MVC architecture**.
- Implemented complete **CRUD functionality** for car listings with secure **user authentication and role-based admin access**.
- Developed advanced **search and filtering features** based on make, model, year, and price range, improving data retrieval efficiency.
- Designed a responsive UI to ensure smooth usage across desktop and mobile devices.

MusicFlow : A web-based music generation system

Tools: HTML, CSS, JavaScript, Django, SQLite, FluidSynth, MIDI

Sep 2025 - Dec 2025

Repository

- Developed a web-based system that converts **guitar note inputs into high-quality MP3 audio files**.
- Implemented **real-time audio synthesis** using **FluidSynth** with custom soundfonts for realistic music output.
- Designed an intuitive **note input interface** and integrated a music player with playback controls.
- Utilized **MIDI processing** to ensure accurate note handling and improved sound quality.
- Applied **problem-solving and debugging techniques** to integrate backend audio processing with frontend UI.

ADDITIONAL INFORMATION

Languages : English (Intermediate), Hindi (Native), Marathi (Fluent)

Interests : Coding, Full-Stack Development, Open Source Contribution, Learning New Technologies

DECLARATION

I hereby declare that all the information provided above is true to the best of my knowledge.

Ravikishan Sah

Pune, India

January 2026