

Gourav Agarwal

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SKILLS

Programming (Python, Core Java, C) | **Database** (MySQL, MongoDB) | **DSA** (C, Java) | **Development** (HTML, CSS, JavaScript, NodeJS) | **Tools** (Git, Microsoft Office, Ubuntu Linux) | **IDE's** (VS Code, Jupyter notebook, Google Colab, NetBeans, Code::Blocks, IntelliJ Idea) |

PROJECTS

SereneStyles(Salon Website) [\[Git\]](#)

- Developed a user-friendly website that provides real-time information on nearby salons, enabling seamless booking appointments for users.
- Implemented interactive features and intuitive design to enhance user experience, resulting in increased engagement and customer satisfaction.
- Leveraged HTML, CSS, JavaScript, and backend technologies to create a dynamic platform that facilitates efficient communication between salons and customers for streamlined appointment scheduling.

Java 2048 game [\[Git\]](#)

- Developed a fully functional 2048 game using Java, showcasing strong proficiency in object-oriented programming (OOP) principles and Java GUI frameworks.
- Implemented core game mechanics, including tile movement, merging logic, and win/lose conditions using OOP concepts.

ML Traffic Prediction [\[Git\]](#)

- Developed a traffic prediction system using machine learning techniques, leveraging Random Forest Regressor, Isolation Forest, and ARIMA models to forecast traffic flow.
- The models were fine-tuned for accuracy, capturing both short-term and anomalous patterns in traffic data.

Alumni Network Application [\[Git\]](#)

- Built an alumni network platform using Kotlin and Firebase, where users can join groups, share internships, and engage in job-related discussions.
- Developed real-time messaging functionality to enable seamless communication among network members and enhance user engagement.
- Implemented a "NearMe" feature that displays nearby users on a map, fostering local connections and improving networking opportunities.

EDUCATION

B.Tech | Computer Science and Engineering(Data Science)

2022 – 2026 | Bangalore

BMS College of Engineering (Affiliated to VTU University), College of Engineering, Bangalore (Agg. 9.6 CGPA)

EXTRA-CURRICULAR ACTIVITIES

[DSYNC DATA SCIENCE CLUB](#)

- ♦ **Technical team member.** 01/2024–09/2024 | Bangalore
- ♦ **Student Volunteer**
- ♦ **Event Volunteer:** Assisted in the smooth execution and management of various events.

COURSE WORK

- ♦ Data Structure and Algorithms, Object- Oriented Programming, Database Management System, Operating Systems, Computer Networks, Design and Analysis of Algorithms.

Hobbies

- ♦ Playing & watching cricket.
- ♦ Cooking.