

Gaurav Singh

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Education

Bachelor in Computer Science and Engineering

Shri Ramdeobaba College of Engineering and Management

Higher Education

Bhalero Junior College Savner, Nagpur

SSC Education

St John Mission Convent Savner, Nagpur

CGPA - 8.52

Dec. 2022 - Present

12th Percentage 91%

Aug. 2018 - May 2020

10th Percentage 92%

Internship Experience

Java Developer Intern | Infosys Springboard | AngularJS, Java Springboot, MySQL, EmailJS, Bootstrap

Apr. 2024 - Jun. 2024

- Created an online matrimonial website with a user-friendly interface, supporting user registration, profile management, and communication.
- Introduced crucial features such as user authentication, communication management, and an admin dashboard
- Developed REST APIs to facilitate interactions between different components of the application.
- Integrated **EmailJS** for **email notifications**, enhancing **user engagement** and interaction.

Projects

Multi-Client Realtime Chat Application | React.js, Node.js, Express.js, MongoDB, Socket.io, Github & Java

Nov. 2023 - Dec. 2023

- Directed the creation of a highly secure, realtime chat application using MERN stack and Java; achieved a 50% reduction in latency & 40% increase in user engagement within 3 months.
- Incorporated advanced security measures, including **bcrypt** for password hashing, to protect user data. Also, added an emoji feature through React components and integrated Socket.io for real-time communication. This feature-rich application enables users to express themselves with emojis, providing a dynamic and secure chatting experience.

Space-Shooter Game | Pygame

Jan. 2024 - Feb. 2024

- Designed and developed an immersive Space Shooter Mini-Game using Python and the **Pygame library**, showcasing proficiency in game development.
- Engineered dynamic gameplay, challenging levels, and a heart-based life system, demonstrating creativity and attention to user experience.

Technical Skills

Programming Languages & Tools: java, C, VS Code, Postman, Git.

Development: HTML, CSS, Bootstrap, React.js, Node.js, Express.js, MongoDB

Soft Skills: Public Speaking, Team Player, Leadership, Communication

Volunteer Experiences

School Representative / St John Mission Convent

August 2017 - January 2018