

# Gaurav Bansal

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## PROFESSIONAL SUMMARY

Final year computer science student with proficiency in multiple programming languages and frameworks including Java, React.js, Node.js, JavaScript and SwiftUI, with a proven ability to deliver scalable web applications. Experienced in agile environment and cross-functional collaboration. Eager to embrace new challenges and continuously improve technical expertise.

## EDUCATION

<b>Bachelor of Engineering, Computer Science</b> Chitkara University, Punjab	2021 - Present <b>CGPA: 9.02/10</b>
<b>Senior Secondary Education (CBSE)</b> Saint Fateh Singh Convent School, Maur Mandi, Punjab	2020 <b>75%</b>
<b>Secondary Education (CBSE)</b> St. Xavier's High School, Rampura Phul, Bathinda, Punjab	2018 <b>85.6%</b>

## ACADEMIC PROJECTS

**EventCraft** | *React.js, Node.js, Tailwind CSS, MongoDB* January 2025

- Built a responsive event management platform featuring JWT based user authentication and Role Based Access Control (RBAC) for secure and role specific access for admins, users, and organisers.
- Designed an intuitive dashboard enabling admins and organisers to manage event listings with CRUD operations.
- Implemented dynamic, real-time filtering options for users to search events by genre and location.
- Links:** *Deployed App* | *Source Code*

**EcoRide** | *React.js, Node.js, Tailwind CSS, MongoDB, SwiftUI* August 2024

- Built a secure and scalable booking system for a carpooling platform, featuring JWT based user authentication and REST API's for searching and booking of shared rides accommodating specific user preferences.
- Implemented a robust verification process for driver profiles, increasing platform utility and user trust.
- Links:** *Deployed App* | *Source Code*

**NeoVision** | *HTML, CSS, JavaScript* May 2023

- Developed a user centric VR headset website showcasing a comprehensive product catalog, interactive product demos, and advanced virtual reality technologies for an immersive browsing experience.
- Enabled users to explore the latest VR innovations in detail and make well-informed buying choices.

## WORK EXPERIENCE

**iOS App Developer Intern** May 2024 - June 2024

Infosys Mysore, India

- Gained comprehensive hands on experience in iOS app development.
- Developed a fully functional SwiftUI based Library Management app, with RESTful API integration enabling seamless data synchronisation between the app and the backend.
- Collaborated with cross-functional teams to ensure UI/UX alignment and smooth database integration.
- Adopted Agile methodologies for iterative development while maintaining code quality and scalable architecture.

## SKILLS

### Technical Skills

- Programming Languages:** Java, C++, Swift, Python
- Web Development:** React.js, Node.js, JavaScript, Express.js, HTML, CSS, Tailwind
- Frameworks and Libraries:** NumPy, Pandas
- iOS Development:** SwiftUI, UIKit
- Databases and Cloud:** MongoDB, MySQL, AWS
- CS Fundamentals:** DBMS, OOPs, Operating Systems, Computer Networks
- Tools and Technologies:** Git, GitHub, REST API's, Postman

### Soft Skills

- Problem Solving
- Critical Thinking
- Communication
- Teamwork
- Decision Making
- Time Management
- Agile Methodologies

## CERTIFICATIONS

- Data Structures and Algorithms - **Coursera**
- Meta iOS Developer - **Coursera**
- Generative AI by Google Cloud - **Google Cloud**
- Software Engineering - **Infosys Springboard**