

# Rohin Garg

✉ rohingarg36@gmail.com    📞 +91 98889 67459    🔗 linkedin.com/in/rohin-garg08    🐙 github.com/Rohin700  
Mohali, India

## Career Objective

Motivated and results-oriented Computer Science student with hands-on experience in software development, eager to contribute technical expertise to a challenging software development role. Skilled in programming languages, cloud computing, machine learning, and data structures with proven success in improving operational efficiencies.

## Education

<b>Chitkara University, Punjab</b> B.Tech.. in Electrical Engineering with Computer Science	Sep 2022 – Jun 2026
<b>Sacred Heart Convent School, Bathinda</b> Senior Secondary Education (Non-Medical)	April 2020 - March 2022
<b>St. Xavier's School, Bathinda</b> Secondary Education	Apr 2008 – Mar 2020

## Technical Skills

**Languages:** C, C++, Java, Python, JavaScript, SQL, HTML, CSS  
**Concepts:** Data Structures, Algorithms, Operating Systems, DBMS, Cyber Security  
**Tools & Frameworks:** JavaFX, Node.js, Express.js, AngularJS, MySQL, Docker, IntelliJ IDEA, VS Code, MATLAB, Git  
**Technologies:** Cloud Computing, Machine Learning, Deep Learning, Artificial Intelligence  
**Soft Skills:** Leadership, Communication, Team Collaboration, Time Management, Problem Solving, Critical Thinking  
Demonstrated ability to rapidly learn and adapt to new development environments and tech stacks.

## Projects

<b>Tailor Order Management System (Desktop App)</b> <i>Java, JavaFX, MySQL, IntelliJ IDEA, Dropbox</i> -Built a desktop-based application to manage custom orders and automate client communication -increasing order accuracy by 20% and reducing manual effort through database integration. -Integrated Dropbox for real-time syncing and safe backups.	June 2024 - August 2024
<b>Wings – Online Tournament Platform</b> <i>HTML, CSS, JavaScript, AngularJS, Node.js, Express.js, MySQL</i> -Developed a web platform for seamless tournament scheduling and communication. -Enhanced event scheduling accuracy by 30% and increased user interaction by 20%. -Implemented real-time notifications and responsive user dashboard.	September 2024 - November 2024
<b>AI Webcam Mouse Controller</b> <i>Python, OpenCV, Deep Learning</i> Designed a gesture-controlled system for hands-free computing using facial recognition. -Authored a report and review paper to document key findings and adaptive learning strategies. -Real-time cursor control enabled with only head movements.	March 2024 – April 2024

## Achievements

- **Ideathon 2022 (IGDTUW):** Secured the 3rd place for an AI-powered water usage optimization model. Built a predictive model to detect excess household water consumption.
- **Top 20 Projects:** Designed an automated parking system selected among the best university projects. IR sensors and Arduino for real-time slot detection.
- **Home Automation System:** Created a smart appliance control system using sensors and basic automation logic. Supported mobile control for lights and fans.
- **Pi Day Quest (2024):** Participated in algorithmic and coding challenges to improve problem solving ability. Ranked top 15 in logic sprint among 100+ participants.

## Positions of Responsibility

<b>Panache Club Member</b> Organized and managed cultural event logistics; developed creativity and team coordination skills. Helped manage stage shows and annual tech fest. The team participated and won several competitions throughout.	2023 – 2024
<b>Cricket Team Member – Chitkara University</b> Led batting in university-level matches, balancing sports and academics efficiently. Mentored new players and assisted in match planning. Proven ability to lead under pressure and communicate clearly with diverse teams.	2022 – 2024