

# Ankit Bhalla

✉ ankitbhalla@gmail.com | 📞 +91 98550-71391 | 🐙 Github | 🔗 LinkedIn | 📁 Portfolio

## Skills

**Languages:** C++/C, HTML, CSS, Python, JavaScript, TypeScript, SQL

**CS Fundamentals:** DSA, OOPS, Operating Systems, Database Management, System Design, Computer Networks

**Web Development:** Node.js, Express.js, EJS, MongoDB, PostgreSQL, React.js, Next.js, Bootstrap, Tailwind CSS, Redux

**Tools:** VS Code, Git, GitHub, Jupyter Notebook, Command Line Interface, Postman, Firebase

## Work Experience

**Zestminds Technologies, Mohali**

Feb 2024 - Jul 2024

**Full Stack Developer (Intern)**

- Built an **Exam Portal** using **PostgreSQL**, **Express**, **React**, and **Node.js** for in-house placement drives, reducing exam setup time by **40%** and improving candidate evaluation efficiency by **25%**.
- Collaborated on **3 Full-stack projects** using **MERN (MongoDB, Express, React, Node.js)** and **Next.js**, contributing to a **30%** increase in development team productivity.
- Created the **Backend** for **Paw Walker**, a service allowing users to book specialists for pet services, ensuring robust and reliable functionality for scheduling and managing appointments.
- Designed an **E-Commerce Platform** for a client, enabling users to buy and sell products seamlessly, along with an **Admin Dashboard** for managing the platform effectively.

## Education

Degree	Institute	Year	Grade
Bachelor of Technology	Punjab Engineering College, Chandigarh	2021-2025	CGPA: 9.03/10
Senior Secondary, CBSE	AKSIPS Sector-41B, Chandigarh	2021	Percentage: 97.4
Secondary, CBSE	AKSIPS Sector-41B, Chandigarh	2019	Percentage: 96.6

## Project Work

**Rapid Chat** [↗](#) :

- Developed a full-stack real-time chat application using **Next.js**, **TypeScript**, **MongoDB**, **Socket.io**, and **Firebase** handling concurrent connections for up to **50** users in testing.
- Implemented robust features including live chat, media sharing (images, GIFs, emojis), and group chat functionality, reducing message delivery latency to under **100ms**. **Live Demo** [↗](#)

**Platopal** [↗](#) :

- Engineered a comprehensive food delivery application using the **MERN stack (MongoDB, Express, React, Node.js)**, successfully processing over **100** mock orders during development and testing.
- Integrated **Stripe** for secure payment processing and **Nodemailer** for automated email notifications, ensuring **100%** delivery of order confirmations in test scenarios. **Live Demo** [↗](#)

**Bingo** [↗](#) :

- Developed an interactive Bingo game application using **MongoDB**, **Express**, **React**, **Node.js**, and **Socket.io**, supporting simultaneous gameplay for up to **20** players in a single room.
- Added real-time multiplayer functionality and integrated **Chart.js** to create dynamic visualizations of user performance and rankings, displaying statistics for over **1000** simulated game sessions. **Live Demo** [↗](#)

## Achievements

- Special Mention in Ideathon (ACM-CSS):** Team received special mention in a hackathon for solving real-life problems using specific domains.
- COA (Punjab Engineering College):** Received Certificate of Appreciation for outstanding contributions during the academic year 2022-2023.
- Problem Solving:** Solved over 450+ DSA problems on platforms like LeetCode [↗](#) , CodeStudio [↗](#) , and GFG [↗](#) .

## Extracurricular Activities

- PEB (Bhangra):** Performed at PECFEST'23, PECFEST'22 and at various In-House Events of PEB
- PECFEST (Sub-Head, Joint Head):** Discipline Joint-Head for PECFEST'23, PECFEST'22 and Creative Sub-Head for PECFEST'22
- PEC (Image/Video Editing):** Edited media and designed brochures for clubs like PEB and PDC.