

Abhay Bansal

Mohali, Punjab

+917973446163 | Email | LinkedIn | Github | Portfolio

Education

Chandigarh University, Punjab

B.E - Computer Science and Engineering

July 2026

Mohali, Punjab

The Bohras Global School, Mahwa Dausa

Class XII CBSE - Percentage - 83.4%

June 2021

Mahwa, Rajasthan

The Bohras Global School, Mahwa Dausa

Class X CBSE - Percentage - 84.3%

March 2019

Mahwa, Rajasthan

Work Experience

REACT JS Intern

May 2025 – Present

Celebal Technologies – Remote.

- Developed full-stack car rental app (React, Node.js, MongoDB) cutting manual processing by 30%.
- Created e-commerce platform (10k+ products) with Redux, boosting engagement by 25%.
- Deployed on AWS (CI/CD), ensured accessibility (WCAG 2.1), and maintained 90% test coverage.

FULL STACK Developer Intern

Nov 2024 – March 2025

Dripvive pvt ltd.- Hybrid

- Developed 3D AI Virtual Assistant (React.js/TypeScript/Three.js) with Web Speech API lip-sync and WebGL animations by 40% engagement (2k+ interactions/month)
- Optimized to 60 FPS via WebGL shaders and <200ms latency using WebSockets
- Deployed on AWS EC2 (auto-scaling) handling 500+ concurrent users via CI/CD pipelines

Projects

JuryX – Blockchain Hackathon Platform | LINK

April 2025

Built a decentralized judging system for secure, transparent hackathon scoring with no-code deployment using Next.js and WebContainers

- Built Ethereum smart contracts (Solidity) for **tamper-proof judging of 100+ hackathon submissions** with full audit trails
- **Reduced evaluation time by 50%** using WebContainers for in-browser **live previews and code editing**, eliminating deployments
- **Increased participant engagement by 40%** through real-time WebSocket chat and dynamic Prisma-powered leaderboards
- Implemented **secure role-based access (JWT)** with dedicated dashboards for project submission (participants) and scoring (panelists)

Prompt2App – AI-Powered No-Code Web App Builder | LINK

January 2025

Created an AI powered app generator that creates web apps from text description using NextJs and Sandpack

- Engineered a prompt-to-code generation system using OpenAI API and TypeScript, improving **app accuracy by 35%**.
- Integrated Clerk authentication to enable persistent user sessions and project history, **increasing user retention by 40%**.
- Enabled **in-browser code editing and deployment** with Sandpack, improving user experience and **boosting engagement by 50%**.
- Integrated Stripe for secure **subscription billing**, enabling **premium features and revenue scalability**.

Metaverse – Real-Time 3D Metaverse Communication Platform | LINK

October 2024

Built a 3D metaverse communication platform with real-time multiplayer and secure sessions using TypeScript, Prisma, and Turborepo.

- Developed a high-performance metaverse with real-time rendering, **achieving 95% user retention via smooth 60 FPS interactions**.
- Engineered WebSocket-based **avatar sync and live chat**, **reducing latency to under 200ms for 500+ concurrent users**.
- Implemented JWT authentication with GDPR-compliant session management, cutting **login time by 40% and ensuring 99.9% uptime**.
- Used analytics to **enhance UI/UX**, increasing **average session duration by 35%**.

SnapStream – High-Performance Media Sharing Platform | LINK

August 2024

Built a scalable, high-performance media supporting image, video, and text uploads with real-time syncing across devices

- Developed platform supporting **image, video, and text uploads with Next.js** and ImageKit.
- Increased **content delivery speed by 40%** using CDN-backed storage and resource optimization.
- Implemented serverless APIs and **edge caching to reduce server costs by 30%**.

Skills

Languages & Frameworks: JavaScript, TypeScript, Python, Java, C++, Next.js, React.js, Express.js, Prisma

Web Development & Tools: HTML5, CSS3, Tailwind CSS, Figma, Git, GitHub, Postman, Vercel, Framer Motion, Gsap

Technologies & Platforms: PostgreSQL, MongoDB, MySQL, AWS (S3, EC2, Lambda), Docker, JWT, OAuth, Razorpay, WebSockets

Soft & Leadership Skills: UI/UX Design, System Architecture, Problem Solving, Agile Collaboration, Team Leadership

Achievements

- **Winner, Regional Round of SAP National Hackathon** – recognized for innovative solutions and teamwork.
- **5-Star Code** Achieved 5-star rating in **Problem Solving**, mastering time/space optimization.
- **Ranked top 1% in Coding Ninjas** contests by optimizing algorithms and handling edge cases