

Mohit Bansal

Computer Science Undergraduate

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EDUCATION

B.Tech. in Computer Science and Engineering
Jaipur Engineering College and Research Centre (JECRC)
CGPA: 8.82/10

Aug 2024 – May 2028
Jaipur, Rajasthan,
India

SKILLS

Programming Languages

C++, Python, JavaScript, TypeScript, SQL

Backend

Node.js, Express.js, RESTful APIs, NextAuth.js

AI & LLM

OpenAI API, Claude API, LangChain, RAG, LLM Applications, Prompt Engineering, AI Agents

Frontend

React.js, Next.js, React Native (Expo), HTML5, CSS3, Tailwind CSS, Shadcn UI

Databases

MongoDB, MySQL, PostgreSQL (Neon), Supabase

Developer Tools

Git, GitHub, VS Code, Postman, Docker, Prisma, Vercel

PROJECTS

DeepDive AI

Mar 2026 – Jul 2026

Tech Stack: React Native • Expo • TypeScript • Supabase • OpenAI API • Multi-Agent AI

- Developed DeepDive AI, a cross-platform AI-powered research platform using React Native and Expo that automates end-to-end research through a multi-agent architecture for planning, web search, analysis, fact-checking, and report generation.
 - Engineered an AI ecosystem featuring RAG, academic paper, presentation, podcast, and debate generation, knowledge graphs, collaborative workspaces, semantic search, offline support, real-time synchronization, and secure authentication.
 - Built a production-ready SaaS platform with Razorpay-based credit monetization, role-based workspaces, AI chat, PDF/PPT export, public report sharing, analytics dashboards, and scalable backend services using Supabase and OpenAI APIs.
- GitHub Repository 📁

MannSahay

Sep 2025 – Oct 2025

Tech Stack: Next.js • React • TypeScript • Tailwind CSS • Prisma • Neon PostgreSQL •

NextAuth.js • OpenAI GPT-4o • Claude 3 Sonnet

- Developed MannSahay, an AI-powered digital mental health platform for Indian students featuring multilingual AI assistance, counselor booking, anonymous peer communities, and personalized wellness resources.
 - Integrated GPT-4o, Claude, Next.js, Prisma, and Neon PostgreSQL to implement AI conversations, crisis detection, content moderation, multilingual support, and real-time analytics.
 - Built a secure, privacy-first full-stack application with OAuth authentication, role-based access, serverless APIs, and scalable cloud architecture for production deployment.
- GitHub Repository 📁
- Live Demo 📁

ACHIEVEMENTS

- Solved 400+ Data Structures & Algorithms problems across LeetCode and GeeksforGeeks.
- Built 20+ projects spanning AI, multi-agent systems, multimodal AI, Retrieval-Augmented Generation (RAG), full-stack web, and cross-platform mobile development.
- Maintained an 8.82/10 CGPA while building production-scale software projects and continuously expanding expertise in AI and full-stack engineering.