

Harash Poriya

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Summary

- I am Harash Poriya, a 3rd-year B.Tech Computer Science student at Chitkara University.
- Experienced in developing web and mobile applications through freelance projects, delivering practical solutions for real-world problems.
- Passionate about learning new technologies, collaborating on innovative projects, and solving challenging problems.

Education

Chitkara University, BTech in Computer Science

Aug 2023 – May 2027

- **GPA: 8.8 Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, DBMS, Computer Networks

Experience

Freelance Full Stack Developer — School ERP, Remote

Oct 2025 – Nov 2025

- Developed timetable management system with automatic generation, teacher assignments, and conflict resolution.
- Built library management system with ISBN scanning, book cataloging, and fine payment tracking via Razorpay.

Freelance Full Stack Developer — Agriculture App, Remote

Sept 2025 – Oct 2025

- Built agricultural marketplace mobile app for farmers to hire workers, rent equipment.
- Integrated Twilio API for phone verification.
- Developed equipment rental system with Cloudinary image uploads and separate worker/customer profiles.

Projects

AI Memory

GitHub

- Developed an AI-powered memory system capable of processing text, images, PDFs, and links by chunking and embedding them via LangChain and Pinecone DB.
- Implemented similarity search and intelligent retrieval to generate context-aware responses through integrated AI models.
- Tech Stack: LangChain, TypeScript, React Native, Express.js, Pinecone, AI/ML

Chat App

GitHub

- Real-time chat application with user authentication and cross-platform support.
- Request-accept messaging flow ensures controlled communication between users.
- Tech Stack: React Native, TypeScript, Node.js, Express.js, MongoDB, Socket.io

College Cart

GitHub | Live

- E-commerce platform for college students with responsive design and smooth animations.
- Features include shopping, cart management, secure checkout, real-time chat, and an AI-powered chatbot for easy product search and detailed product information.
- The chatbot is built using the Google Gemini API for product search and intelligent assistance, with vector embeddings stored in Pinecone DB and LangChain for context management.
- Tech Stack: React.js, Tailwind CSS, Framer Motion, Node.js, Express.js, MongoDB, Razorpay, Socket.io, Nodemailer, Cloudinary, Google Gemini API, Pinecone, LangChain

Skills

Languages: JavaScript, TypeScript, Java, C++

Frontend: React.js, Next.js, React Native, Tailwind CSS, Framer Motion, Redux Toolkit

Backend: Node.js, Express.js, Prisma ORM, Drizzle ORM, REST APIs, GraphQL

Database: MongoDB, PostgreSQL, Redis, Pinecone

AI/ML: LangChain, LangGraph, LangSmith, RAG, Vector Embeddings

DevOps & Infrastructure: Docker, Kubernetes, Kafka, Vercel, Netlify, Nginx