

Mohak Agrawal

Remote dev.mohak.agrawal@gmail.com +91 8959210749 mohak-agrawal.vercel.app
linkedin.com/in/mohak-agrawal-dev github.com/mohak-agrawal

Summary

Frontend engineer specializing in AI and Web3 product flows. Built across fintech, edtech, and blockchain, including an AI crypto trading agent, a multimodal creative platform, and consumer AI tools using the Claude API. Co-founded two ventures, both reached external validation. Currently building AI-powered consumer products independently.

Skills

Frontend: React, React Native, Next.js, TypeScript, Tailwind CSS, Framer Motion, Zustand

Specialized: LLM Integration (Claude API, GPT-4), Web3 (Wagmi, Ethers.js, RainbowKit), Multimodal AI (Stability AI, ElevenLabs, Runway ML)

Infra: Firebase, Supabase, Vercel (serverless functions), Node.js, Express, Razorpay, Expo

Experience

Freelance Engineer, Independent Jul 2025 – Present

- Co-founded PokerCoach and built an **AI recommendation engine** for poker skill development. Pitched to India's largest poker operator and got a **soft \$3M commitment**. Shut down when India regulated online poker.
- Took on freelance clients across food, travel, and hospitality. Delivered full branding and tech for **Tomatello, All About Dips, Zuprano, and Indian Travel Point**, improving digital presence and driving sales for each.

Founding Software Engineer, OpenChain Foundation Aug 2024 – Jul 2025

- Built **Axes Genie**, an AI crypto trading agent: GPT-4 for market reasoning, Wagmi and Ethers.js for on-chain execution, RainbowKit for wallet UX.
- Built **Axes Neo**, a multimodal creative platform with Stability AI for images, ElevenLabs for voice, and Runway ML for video, orchestrated by GPT-4.
- Cut render bottlenecks in real-time blockchain dashboards using virtualization and memoization.

CTO & Co-Founder, Taksh Education Jan 2024 – May 2024

- Co-founded and ran all engineering solo as CTO. Built a **MERN stack** edtech platform with 100+ active learners.
- Integrated **AWS IVS** for live classes and Razorpay for payments, handling the full backend and frontend end-to-end.
- Built a reusable **component library** that sped up every subsequent feature.

Founding Engineer (Intern → Full-time), Unipe (Payrocket) Oct 2022 – Dec 2023

- Joined as intern, promoted to full-time in 3 months. Built the core **React Native** screens for earned wage access used by blue-collar workers.
- Owned the **Redux Toolkit state architecture** across salary disbursement and financial workflow screens.
- Integrated KYC APIs and tightened onboarding flows to bring drop-off down.

Projects

SoulCompass — Next.js, Gemini API, Web Audio API Live

- Maps any modern human problem to the right Bhagavad Gita verse with a modern interpretation, frequency sounds, and haptic feedback. No signup. Built on Gemini AI.

Tomatello — React, Firebase Analytics, Custom CMS Live

- Built the customer-facing site and a custom CMS with analytics for a premium Italian dining brand. The team got full control over menu, content, and performance without touching code.

Local Farmers — React Native, Google Maps, Geolocation Live

- Rebuilt the UI with modular components and added subscription features to a farm-to-table platform.

Education

DIT University, B.Tech in Computer Science 2019 – 2023

St. Charles School, Higher Secondary (PCM) 2004 – 2019

Achievements

First Runner-Up – Startup Uttarakhand (2019) among statewide competing teams

Represented India – MCWC Bielefeld, Germany (2017) in mental calculation

12 National Records – LIMCA & Indian Achievement Records in fastest mental calculation