

Ahmed Hamza

Full-Stack Engineer | React • Node.js • Web3 & AI Integration

Personal Information

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Kolkata, West Bengal, India

Education

B.Com Hons.

Continuous Learning

Kolkata, India, Jan 2016 - Mar 2019

- Driven by a passion for software & technology
- Continuously acquiring skills through hands-on project work

Skills

- **Languages:** TypeScript, JavaScript, Python (for scripting), HTML5, CSS
- **Frontend:** React, Angular, Figma (Design Translation), UI/UX Principles, RxJS, NgRx, Redux, Ethers.js, Wagmi, UI/UX
- **Backend:** Node.js, ExpressJs, Hono, RESTful APIs, LLM API Integration, LemonSqueezy
- **Databases:** PostgreSQL, Supabase, Git, Docker
- **Testing:** Unit Testing (Jest, Angular Testing)
- **Web3/DeFi:** Smart Contract Interaction (ethers.js, wagmi), Wallet Integration
- **AI Integration:** Prompt Engineering, Langchain, RAG
- **Problem Solving:** Adapt quickly and learn what's needed to solve technical challenges.

Summary

Results-driven Full Stack Engineer with over 4 years of experience architecting, developing, and deploying scalable web applications. Proven expertise in frontend (React, Angular) and backend (Node.js, PostgreSQL) development, with a specialization in integrating emerging technologies including Web3/DeFi protocols and AI/LLM APIs. A strong advocate for Agile methodologies and clean code, dedicated to building high-performance, user-centric solutions.

Work Experience

Project Lead Developer | TeamWave

Remote, USA

Oct 2023 - Jan 2025

- Architected a full-stack solution (Angular/Node.js) and set up a CI/CD pipeline, which allowed the team to ship new features and fixes more frequently and with 30% fewer errors.
- Introduced team-wide coding guidelines and led regular peer code review sessions, which significantly improved code consistency and reduced the back-and-forth on pull requests.

Lead Frontend Developer

- Engineered complex user interfaces using Angular, RxJS, and NgRx, focusing on creating a library of 20+ reusable components to improve code reusability and maintainability.
- Identified and resolved frontend performance bottlenecks using profiling tools, reducing initial page load times by 20 -30% and improving the overall user experience.
- Led the end-to-end development of WORKAI, a ChatGPT-powered collaboration tool, architecting its core features like a shared Prompt Library and Role-Based Access Control (RBAC).
- Built a secure E-signature application from the ground up, handling document rendering and complex signature workflows.
- Redesigned a complex dashboard to merge HRM, CRM, and Project Management tools, streamlining 5 disparate workflows into a single, unified interface.

Project Lead | Unbanking DAO

Remote

May 2024 - Jan 2025

- Designed and developed a user-friendly interface for a DeFi application in React, simplifying complex transaction flows and reducing common user errors.
- Integrated Web3 libraries (ethers.js, wagmi, thirdweb) for secure smart contract interactions and wallet connections. This enabled core DeFi features.
- Implemented liquidity provision and swap features using 0x.

Frontend Web Developer | ClearTax India

Bangalore Urban, India

Mar 2021 - Apr 2023

- Developed features using Angular and React for internal ClearTax products.
- Improved UI/UX based on user feedback, refactored old code, and tuned performance. These changes resulted in faster load times and simpler user workflows.
- Built automation scripts (Puppeteer, Node.js) to convert 1500+ WordPress articles, reducing manual effort by an estimated 80 hours per month and increasing content migration efficiency by 90%.
- A/B Testing via Google Tags.

Frontend Developer | Freelance

Remote, N/A

Sep 2020 - Feb 2021

- Delivered custom, responsive frontend applications using Angular, providing high-quality work that led to repeat engagements and strong client relationships.