Mayank Balmoori

+91-8143108659 | balmoorimayank@gmail.com | linkedin.com/in/mayank-balmoori/ | github.com/mayankb72013/

EDUCATION

Vellore Institute of Technology (VIT) — Vellore, India
Bachelor of Technology in Computer Science and Engineering — *Aug. 2023 – May 2027 (Expected)*
- Current CGPA: 9.01 / 10

EXPERIENCE

Full Stack Intern — May 18, 2025 - June 18, 2025
OriginHash — *THub, Hyderabad*
- Developed a REST API using ExpressJS and MongoDB to store data
- Collaborated directly with the founder and a small team to drive product and tech decisions.
- Developed and shipped end-to-end features across frontend and backend.
- Built 70% of the Web2 platform within the first month, including key pages and core functionality.

PROJECTS

Bolt.new Clone | *Claude AI, React, WebContainers, Node.js* — Aug. 2025 – Present
- Built a Bolt.new clone that turns natural language prompts into full-stack web apps using Claude AI.
- Implemented in-browser code editing with real-time file generation and execution using WebContainers and Node.js.
- Integrated Claude AI API for generating and modifying code dynamically from user prompts.

ChatApp | *MERN Stack, WebSockets* — Mar. 2025 – May 2025
- Developed a real-time, ephemeral chat application with the MERN stack and WebSocket-based communication.
- Enabled temporary, anonymous chat rooms where all data is automatically erased once users leave.
- Deployed and containerized the app for production-ready scalability.

HD Wallet Web App (Eth + Sol) | *Next.js, TS, Ethers.js, Solana.js, BIP39* — Sept. 2025 – Oct. 2025
- Built a multi-chain web wallet that derives both Ethereum and Solana accounts from a single BIP39 seed phrase.
- Implemented HD wallet key derivation paths, mnemonic-based account generation, and secure local seed storage.
- Integrated Ethers.js and Solana Web3.js libraries to create and manage blockchain accounts directly in the browser.

TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript, TypeScript, Java, C, C++, SQL (PostgreSQL)
Databases: PostgreSQL, MongoDB
Frameworks & Libraries: React, Recoil, Tailwind, NextJS
Dev & Build: Monorepos, Turborepo, Docker, WebSockets, REST APIs
Developer Tools & Cloud: Git, AWS Cloud, VS Code, IntelliJ
Computer Science: Data Structures & Algorithms