

# Hasan Zaigam

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## Education

**GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY (GGSIPU), DELHI**, B.Tech  
in Industrail Internet of Things(IIOT)

Dec 2022 – June  
2026(expected)

- GPA: 8.56/10.0 (till 5th Semester)
- **Coursework:** Data Structures and Algorithms, Object-Oriented Programming/Design, Operating Systems, System Design, Cloud Computing, Computer Networks, Database Management Systems, Web Technologies.

## Skill Summary

**Languages:** Java, JavaScript/TypeScript, HTML5/CSS3, TailwindCSS, ShadCN, SQL.

**Frameworks:** React.js, Next.js, Node.js, Express.js, Tailwind CSS

**Tools:** Git, Docker, MongoDB, MySQL, PostgreSQL, Vercel, Render, Firebase, Postman

**Soft Skills:** Communication, Cross-Functional Teamwork, Technical Presentations, Leadership, Public Speaking

## Experience

**Software Developer Intern**, OperateCrypto – Texas, US

Jan 2025 – Present

- Built and integrated a company-wide AI chatbot using **Google's Gemini API**, **Node.js**, and **React** to automate internal workflows and real-time query resolution.
- Developed secure **Atomic Swap** smart contracts in **Solidity** for **Base Sepolia** and **Ethereum Sepolia**, leveraging **Hardhat**, **Foundry**, **Etherscan**, and **Tenderly**.
- Enhanced the **Accumlite Wallet's** UI/UX using **React.js**, **Tailwind CSS**, and **TypeScript**; collaborated via **Git**, **Figma**, and **GitHub** to align features with business goals.

**Blockchain Developer**, ProdigalAI – Delhi, INDIA

Jan 2025 – Mar 2025

- Built a modular **ERC-20 Token Kit Platform** and a customizable **MemeCoins Generator** using **Solidity**, **Hardhat**, and **Foundry**, deployed on **Ethereum Sepolia**.
- Contributed to **LayerDapps**, a multi-dApp dashboard with shared wallet and automation logic—handled **Solidity contract architecture**, UI planning, and scripting.
- Integrated contracts with **Ethers.js** for frontend flows, verified and monitored smart contracts using **Tenderly**; primary stack included **Hardhat**, **Foundry**, and **Ethers.js**.

## Projects

**Expense Manager – MERN Stack Budget Tracker**

- Built a real-time budget tracker with CRUD features for income/expense using **React.js**, **Node.js**, **Express.js**, **MongoDB**.
- Visualized financial data via **Chart.js**, deployed on **Vercel (frontend)** and **Render (backend)**.
- Implemented **JWT-based auth**, **REST API integration**, and responsive UI with **React Hooks**.

**AI Interviewer Platform – Realtime Mock Interview Simulator**

- Built a full-stack interview simulator for real-time, role-based sessions also with scoring, feedback analysis, and session history.
- Integrated **Google Gemini API** for dynamic QA and instant feedback.
- Enabled **voice interaction** and **webcam video recording** with **WebRTC**.
- Supported unlimited mock interviews across various tech roles.
- Stack: **React.js**, **Tailwind CSS**, **Express.js**, **MongoDB**.

## Achievements and Certifications

### Achievements

- Runner-up Code-O-hack Hackathon 2024 @ GGSIPU(USAR)
- Solved 150+ question on Leetcode of DSA in JAVA
- Open-source contributor to Keploy and other open Source projects
- Built 10+ full-stack personal freelance projects in Web3 and Full MERN Stacks.

### Certifications

- Certified Full Stack Developer – Udemy (2023)
- Completed Full MERN Stack Course - CodeHelp-by Babbar(Youtube).