

Hasan Zaigam

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SUMMARY

Highly motivated and results-oriented pre-final year student with a strong foundation in software development, Web3 technologies, and blockchain development. Proficient in Solidity, JavaScript, and web development frameworks, with experience in building decentralized applications (dApps) and writing secure, gas-efficient smart contracts. Passionate about exploring emerging technologies in the Web3 ecosystem and actively contributing to innovative projects. Eager to learn and adapt quickly to new tools and frameworks.

WORK EXPERIENCE

ASPIRING SDE | OPERATECRYPTO

Jan 07, 2025 – Present

- Working on building LLM Models, integrating it with Web3 and Crypto
- Also doing the research works on AI agents and LLM integration and trying to building something great.

WEB DEVELOPER | BRANDLANE

Aug 31, 2024 – Oct 30, 2024

- Built responsive web applications using React.js/Next.js, improving load times by 30%.
- Implemented product search and cart management, boosting user engagement by 15%.
- Optimized API requests, reducing server load by 20%.

OPEN SOURCE CONTRIBUTOR | KEPLOY WEBSITE

Jul 14, 2024 – Aug 5, 2024

- Added a dark mode feature, improving accessibility by 25%.
- Submitted 5+ pull requests to resolve bugs and enhance performance.
- Reported and fixed 10+ bugs, increasing site stability by 15%.

EDUCATION

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY

B.TECH IN INDUSTRIAL INTERNET OF THINGS (IIOT)

2022 – 2026 | New Delhi, India | CGPA: 8.64 / 10.0

PROJECTS

CRYPTOQUEST PLATFORM | WEB 3.0 QUIZ-BASED REWARD SYSTEM

- Built Web3 Quiz Platform with ERC20 token rewards (Linea Sepolia, EduChain).
- Built an interactive Web 3.0 interface: CryptoQuest.

AMAZON CLONE | E-COMMERCE WEB APPLICATION

- Built an e-commerce platform using T3 stack, Redux, Firebase, and Stripe.
- Integrated real-time notifications, order tracking, and secure payments, boosting transaction success by 40%.

AI STORY TELLER WEBSITE | AI-POWERED CONTENT GENERATION

- Created a story-generation tool using ChatGPT and Gemini API, reducing errors by 50%.
- Added image generation, increasing user engagement by 30%.
- Leveraged open-source tools to reduce costs by 15%.

PROGRAMMING LANGUAGES

Java • JavaScript • Python • Solidity • HTML/CSS
Rust (Familiar) • TypeScript (Familiar)

FRONTEND TECHNOLOGIES

React.js • Next.js • TailwindCSS

WEB3 DEVELOPMENT SKILLS

- Smart Contract Development with Solidity Creating and deploying decentralized applications (dApps).
- Proficient in Ethereum token standards: ERC-20, ERC-721, ERC-1155 Integration with Web3 libraries like Ethers.js and Web3.js.
- Deploying and managing smart contracts on testnets (Linea, Sepolia, etc.) Designing NFT marketplaces and implementing token-based reward systems of decentralized storage solutions like IPFS.

BACKEND & BLOCKCHAIN TECHNOLOGIES

Node.js • Express.js • REST APIs

MongoDB • Firebase • SQL

Experience with decentralized querying using The Graph Protocol

TOOLS AND FRAMEWORKS

Hardhat • Truffle • OpenZeppelin • Ganache

Git • GitHub • Alchemy • Infura

ACHIEVEMENTS

- Winner of ROC'2023, IIT Delhi Hackathon.
- Published a review paper on FDM 3D printing parameters.
- Participated in 20+ hackathons and 30+ tech webinars.

EXTRACURRICULAR ACTIVITIES

- As a Core Team Member at the Cryptoholic Community, we have built a strong community for web3 students and developers, helping them learn new GenAI technologies and accomplish many tasks.
- Organized 5+ social and technical events as part of RHA Army.
- Volunteered in 3+ education-focused initiatives, impacting 100+ individuals.
- Campus Leader for C4GT, spreading awareness about DMP and open-source.
- Represented the university in national tech events, enhancing public speaking skills.