Rohan Srivastava
Fullstack Blockchain Developer

B2-002 Ananda Apartments
Sector-48, Noida, India
201301

+91 9810773119
etsrohan@gmail.com
rohan-srivastava.vercel.app

github.com/etsrohan   linkedin.com/in/etsrohan   M @jaadugar117   ▶ @etsrohan   𝕏 @etsrohan

PROFESSIONAL SUMMARY

Enthusiastic Full Stack & Blockchain Developer with hands-on experience building microservices, designing smart contracts, and leading cross-functional teams. Skilled in Hyperledger Fabric, Solidity, Node.js, Golang, and modern front-end frameworks. Adept at delivering secure and scalable solutions across diverse projects, from Tokens and DApps to high-throughput notification engines.

WORK EXPERIENCE

Full Stack Blockchain Developer • Kalp Studio (Mai Labs) • Dec 2022 – Present
- Token Money Magnet App (Wion)
  - Developed the TMM token + Airdrop **smart contracts** using **Golang**. Integrated smart contract into **Nest.js backend**. Medium article link
  - Implemented various modules such as points management, player profile, etc. on **Nest.js + Postgres** backend service.
- API Gateway (Kalp Studio):
  - Developed this **microservice**, to extract ABI-like JSON from chaincode, using **Express + Golang**. Generate dynamic routes for sending blockchain transactions, and perform dynamic API input validations based on extracted ABI using **Zod**.
  - Integrated fabric-network gateway and **HashiCorp Vault** for identity management across multiple HLF networks.
  - Integrated **solidity** smart contract support for dynamic route generation.
- Notification Engine (Mai Labs):
  - Built an open notification system using **TypeScript**, **Node.js**, **Express.js**, **MongoDB**, and **RabbitMQ** to handle large-volume, multi-channel notifications (email, SMS, websockets).
  - Collaborated on an admin panel in **Next.js (React)** to manage email templates stored in **AWS S3**.
- Other Collaborations: Private Blockchain + NFT Creator + Token Studio (Kalp Studio), NiftiQ, BUILD, BYOD, Behind The Studio

Blockchain Software Engineer • GradientFI Inc. • Apr 2022 – Dec 2022
- Developed and tested Collateralized Stablecoins, Multi-party Marketplace (Matcher), and Liquidity Pool smart contracts on **Binance Smart Chain** / **Polygon** for the Poket App.
- Utilized **Hardhat**, **mocha/chai** for contract development and testing; integrated with back-end services.
- Conducted basic contract audits with **Slither** and **Mythril**, ensuring smart contract security and reliability.
- Led the blockchain team, overseeing architecture decisions and ensuring smooth integration into the broader tech stack.

Blockchain Engineer • Nonceblox Pvt. Ltd. • Apr 2022 – Aug 2022
- Created ERC-20, ERC-721, and ERC-1155 tokens for NFT games and metaverse projects (Chumbi Valley, Apex Athletes, Arcade Network).
- Deployed on Binance Smart Chain, Polygon, Solana, and Polkadot using **Hardhat** (with plugins like **hardhat-deploy**, **mocha-chai**).
- Implemented Airdrop, Staking, Auction, and other core features while collaborating with cross-functional teams.

Blockchain Engineer • NexG Exuberant Solutions Inc. • Aug 2021 – Apr 2022
- Developed Solidity/Python-based blockchain solutions for event-driven systems.
- Deployed and tested with Brownie, Web3.py, Py-Solc-X, along with concurrency libraries (threading, asyncio).
- Analyzed and visualized performance metrics (gas usage, block times) using pandas, NumPy, and matplotlib.

CORE SKILLS

- **Frontend**: React.js, Next.js, Three.js
- **Backend**: Golang (net/http, concurrency), Node.js, Express.js
- **Databases**: MongoDB, Postgres, Firebase, Cassandra
- **Blockchain**: Ethereum, Solidity, Ethers.js, Hardhat, Hyperledger Fabric
- **Other Tech**: Golang, TypeScript, Python
- **Tools**: Docker, Postman API, Socket.io, Redis, RabbitMQ

EDUCATION

Bachelor of Science in Electrical Engineering
Purdue University, West Lafayette, IN, USA | Graduated 2018

LEADERSHIP & ACHIEVEMENTS

Team Lead (Kalp Studio, GradientFI):
- Guided teams of developers specializing in Hyperledger Fabric chaincode and EVM-compatible contracts.
- Coordinated architecture decisions, streamlined onboarding processes, and maintained documentation standards.

Public Blockchain Contributions:
- Conducted simple security audits using Slither/Mythril.
- Provided best-practice documentation on contract deployment and integration.

PROJECTS

Metafinity Games Website (Link)
- Collaborated in creating 9 games on Google Play using **Unity**.
- Built website with **Next.js**, **tailwind css**, **shadcn**, **React-Three-Fiber**.
- Deployed on **Vercel** and used **Firebase** for traffic analytics. Marketing and promotion are ongoing.

Blockchain ABAC System
- Designed a **Solidity/Python**-based Attribute-Based Access Control on **Ethereum** with 5 smart contracts managing subjects, objects, and policies.
- Implemented bloom filters for identity checks; used **PyTest**, **threading**, and **asyncio** for test automation; deployed to **Goerli** testnet.

Blockchain EVCS System
- Implemented a double-auction Electric Vehicle Charging System with **Solidity**/**Python**.
- Leveraged events-driven architecture for bidding, winner selection, and real-time price discovery; deployed on **Rinkeby** testnet.

ADDITIONAL INFORMATION

- **Languages**: English (Native), Hindi (Native)
- **Interests**: Decentralized Finance (DeFi), NFT Gaming, System Architecture, Microservices, and Web3.
- **Availability**: Full-time or remote opportunities