JAYANT NAGLE

Fullstack Blockchain Developer

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SUMMARY

Responsible and motivated **software developer** proficient in **application development and maintenance.** Demonstrated **high-agency** approach in **problem-solving, quickly acquiring and applying new skills in dynamic environment.** With **4.5 years** of experience, I am looking to join an ambitious growing team to build a successful career as a skilled software developer.

WORK EXPERIENCE

Autowhale GmbH   Remote Austria | Apr 2025 - Present
Fullstack Blockchain Developer

- Led the architecture and development of a decentralized exchange (DEX) designed to integrate with a **portfolio management system**. The project was built on the Stellar blockchain, utilizing **Soroban** smart contracts written in **Rust,** to power a secure smart vault and integrating with the **Soroswap DEX** router to facilitate token swaps and liquidity management.
- Leveraged the **SubQuery SDK** to develop custom **Blockchain Indexer**, to efficiently query, filter, and store blockchain data, enabling live data fetching for an application.
- Implemented Soroban **smart contract wallet** to manage on-chain assets, utilizing the **Stellar SDK** for transaction building and interaction.
- Implemented JWT-based API authentication secured by Web3 wallet signatures (challenge-response protocol) to govern access to all protected resource endpoints.

Musse - NFT Marketplace   Remote | Aug 2022
Opensource Contributor

- **Developed frontend** for a multi-chain NFT marketplace, integrating **Ethereum, Polygon, and other EVM**
- Utilized **Ethers.js & Hardhat** for blockchain integration, enabling on-chain NFT minting, trading, and metadata management.
- **Contributed smart contracts development for NFT staking mechanism**, allowing users to lock NFTs and earn on-chain rewards based on predefined rarity attributes.

Tata Consultancy Services (TCS)   Pune India | Feb 2021-Dec 2024
Product Engineer

- Collaborated with a cross-functional team of application to **implement new features, fix defects, and enhance product capabilities, technical documenting, improving overall quality and functionality.**
- Participated in the **Agile development lifecycle**, utilizing **CI/CD pipelines** to streamline deployments and ensure continuous improvement.
- Conducted **code reviews** to maintain high code quality and implemented **TDD practices with Jest and React Testing library** achieving **90% code coverage** and reduce defects.
- Developed **REST APIs** using a proprietary framework built on **Java Spring Boot and Python scripting.**
- Enabled client to migrate their legacy VBA application to a modern web app with over 140 screens, using **Redux-toolkit** for state management and integrating multiple **APIs, increasing efficiency by over 30%.**

SKILLS

- **Blockchain:** EVM, Solidity, Foundry, Hardhat, DeFi, IPFS, Flashbot Bundler, Wallet Adapter, Consensus
- **Frontend:** React.js, Typescript, HTML/CSS/JS, Tailwind-CSS, Shadcn-UI
- **Backend:** Python, Node.js, Rust, C++
- **Database:** SQL Database, GraphQL, MongoDB
- **Tools and Frameworks:** Git, Express.js, Redux-toolkit, pandas, numpy, Flask
- **Misc:** Problem solving, Analytical, Leadership, Product development,

ACHIEVEMENTS

- Awarded TCS CEG Account **Excellence** & **Star of the Month**
- Earned **Contextual Master** recognition for **outstanding problem-solving**
- Received **TCS Fresco Play Milestone Learning** Award for achieving **T-shaped learning**
- Speaker **Demystifying Investing and Trading in Crypto** at CoinDCX Local Chapter Hyderabad

EDUCATION

Bachelor of Engineering in Electronics and Telecommunication   2016 - 2020
Bhilai Instiute of Technology, Durg
CPI: 8.75 | Aggregate: 78.51%

Higher Secondary School Certificate Class 12th   Mar 2016
BSP Senior Secondary School Sector-10 (CBSE)
Aggregate: 83.6% (PCM & Computer Science)

PROJECTS

- **Monad evm/acc hackathon** participation, developed **Contractly Dapp** a self enforcing digital contract, utilizing **on-chain Gelato network automation, staking and time based locking system.**
- Developed **on-chain weather data applications** using **Chainlink Functions**, enabling decentralized API data integration.
- Built an **Ethereum blockchain indexer** leveraging **Ethers.js, Express.js, and PostgreSQL**, facilitating real-time transaction and block data retrieval.
- Created **Coincrafter**, a streamlined **ERC-20 token** minting platform, utilizing **Foundry and Rainbow UI Kit** for seamless token generation.
- **DeFi rebase token smart contract** that enables users to earn dynamic linear interest from protocol interactions.
- Developed a **provably fair lottery smart contract** using **Foundry and Chainlink Automation**, ensuring transparent and verifiable draws.
- Built and deployed **NFT ERC-721** contracts for a digital collectibles platform, integrating **IPFS** for metadata storage.

COURSES AND CERTIFICATIONS

Cryfin Updraft Course
- Solidity 101
- Advanced Foundry

Coursera Certification
- Python for Everybody with Specialisation
- Blockchain Basics
- Smart Contracts

NPTEL Certification
- Programming in C++
- Programming, Data Structure and Algorithm using Python

PROFILES	WORK ROLES	LANGUAGES
- jayantdevhub.in - x.com/thejnbtc - linkedin.com/in/jayantn - github.com/jayantna	- Fullstack Blockchain Developer - Fullstack Web Developer	- English - Hindi