

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 3.10 years of experience, I am looking to join an ambitious growing team to build a successful career as a skilled software developer.

WORK EXPERIENCE

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**.
- Designed authentication service utilizing the **OAuth2 standard** to support multi-user experience.
- 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%**.

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.
- **Advised NFT rarity farming mechanics** inspired by Aavegotchi, allowing users to compete for rewards based on **dynamic trait evaluation**.
- **Contributed smart contracts development for NFT staking mechanism**, allowing users to lock NFTs and earn on-chain rewards based on predefined rarity attributes.

SKILLS

- **Blockchain:** EVM, Solidity, Foundry, Hardhat, DeFi, IPFS, Flashbot Bundler, Wallet Integration, 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**
- Cleared **TCS Wings1 Digital Capability Assessment**
- 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 Institute 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

- jayantdevhub.in
- x.com/thejnbtc
- linkedin.com/in/jayantn
- github.com/jayantna

WORK ROLES

- Fullstack Blockchain Developer
- Fullstack Web Developer

LANGUAGES

- English
- Hindi