

# JAYANT NAGLE

Fullstack 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 | Jan 2025 - Dec 2025

#### 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 the application.
- Integrated Soroban **smart 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.

### Tata Consultancy Services (TCS)

Pune India | Feb 2021 - Dec 2024

#### Product Engineer

- Collaborated with a cross-functional team to implement new features, **fix defects**, and **enhance product capabilities and technical documentation**, thereby 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%**.

### Musse - NFT Marketplace

Remote | Aug 2022

#### Freelance Contributor

- **Developed frontend** for a multi-chain NFT marketplace, integrating **Ethereum, Polygon, and other EVM-compatible chains**.
- 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.

## SKILLS:

- **Backend:** Rust, Python, Node.js, C++
- **Frontend:** ReactJS, NextJS, Typescript, HTML/CSS, Tailwind-CSS, Shadcn-UI
- **Blockchain:** EVM (Solidity), Solana (Anchor), Stellar (Soroban), Foundry, Hardhat, DeFi, Flashbot
- **Database:** SQL Database, GraphQL, MongoDB
- **Frameworks and Libraries:** ExpressJS, Redux-toolkit, Flask, web3.js, Actix-web, Tokio, SQLX
- **Misc:** System design, Problem solving, Analytical, Leadership, Product development

## ACHIEVEMENTS:

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- 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:

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**Bachelor of Engineering in Electronics and Telecommunication**

2016 - 2020

Bhilai Institute of Technology, Durg

CPI: 8.75 | Aggregate: 78.51%

## PROJECTS:

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- **Coursipedia:** Engineered a high-performance backend, **asynchronous RESTful API** using **Rust, Actix Web, and PostgreSQL (via SQLx)**, implementing persistent CRUD operations and a robust custom error handling system for a tutor management platform
- **Sigpad:** Built a **x402 protocol** based payment POS solution where merchant can accept payments and introduce token strategies to create loyalty ecosystem for discounts.
- **Contractly Dapp:** Developed a self-enforcing digital contract during the **Monad EVM hackathon**, utilizing on-chain Gelato network automation, **staking and time based locking system**.
- **Weather Dapp:** Developed **on-chain weather data applications** using **Chainlink Functions**, enabling decentralized API data integration.
- **Ethereum blockchain indexer:** Built by leveraging **Ethers.js, Express.js, and PostgreSQL**, facilitating real-time transaction and block data retrieval.
- **DeFi rebase token:** Developed **smart contract** that enables users to earn dynamic linear interest from protocol by depositing stable coins.

## COURSES AND CERTIFICATIONS:

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**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:

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- [jayantdevhub.in](https://jayantdevhub.in)
- [x.com/thejnbtc](https://x.com/thejnbtc)
- [linkedin.com/in/jayantn](https://linkedin.com/in/jayantn)
- [github.com/jayantna](https://github.com/jayantna)

## LANGUAGES:

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- English
- Hindi