DEVENDRA CHAUHAN

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EDUCATION

Vidyalankar Institute Of Technology <div align="right">Mumbai, India</div>
Bachelor of Engineering in Information Technology with CGPA: 9.55/10.0 <div align="right">July 2019 – May 2023</div>
Relevant Coursework: Blockchain & DLT, AI-DataScience, DSA, DevOps, OOPs, DBMS, OS, CN, Cloud Computing

TECHNICAL SKILLS

- **Languages**: Rust, Solidity, Move (familiar), Python, JavaScript, TypeScript, SQL, Shell
- **Blockchains**: NEAR Protocol, Cosmos appchains (Fetch.ai), Ethereum, Binance Smart Chain, SUI
- **Frameworks & Tools**: Git, Django, Express, NodeJS, Streamlit, Flask, MongoDB, SQLite, PostgreSql, Docker, etc

WORK EXPERIENCE

Mettalex <div align="right">Remote</div>
Smart Contract + Backend Engineer (core team) <div align="right">Aug 2023 – present</div>
- Built and deployed an agent-based cross-chain one-way bridge from scratch, enabling the transfer of **$1.8M worth of $MTLX** from BSC to ETH, including the development of complete backend, **3 smart contracts**, and serverless cloud functions.
- Developed and deployed secure cross-chain smart contracts on **Cosmos (Rust)** and **Ethereum (Solidity)**, facilitating robust cross-chain interactions for an agent-based P2P Decentralized Exchange (DEX).
- Built scalable backend systems using **NodeJs**, **Python**, and serverless cloud functions, integrating real-time data handling with **WebSockets** for a seamless order book experience.
- Created and implemented automation scripts to conduct performance testing under heavy loads, ensuring system stability, security, and reliability in production environments

Qstn <div align="right">Remote</div>
Software Engineer <div align="right">Mar 2023 – Aug 2023</div>
- Built and deployed a Rust-based NFT smart contract compatible with leading NFT marketplaces like Paras, Mintbase, and Few-and-Far, supporting features like **royalties and custom constraints**.
- Integrated four wallet logins to ensure seamless user experience and secure transactions.
- Successfully launched and maintained a collection of **1,000 NFTs** with **Stripe payments** integration for checkout.

Invex <div align="right">Remote</div>
Junior Software Engineer <div align="right">Sep 2022 – June 2023</div>
- Built smart contracts to create a DeFi infrastructure for **buying & selling indexes** consisting of different NEP-141 fungible tokens and focused on industry best practices to perform basic audits of contracts using open source tools.
- Integrated Invex smart contracts with Ref finance (decentralized exchange) smart contract for performing a token exchange, using **async cross-contract calls** with exception handling.
- Enhanced the platform by adding real-time price evaluations for index tokens, improving market tracking and UX.

Blockbelly <div align="right">Remote</div>
Software Engineer Intern <div align="right">April 2022 – Sep 2022</div>
- Developed a DeFi-based application on the NEAR Protocol blockchain.
- Created smart contracts for creating and managing indexes containing different on-chain crypto tokens and has written code in Rust language, **integrated AMM exchange via cross-contract calls**, and more.

PROJECTS

Xap (getxap.com)
A cross-chain USDC payment app that enables users to receive and manage USDC from anyone across any blockchain with just a link all without the need for any gas tokens or creating separate account on different chains
Technologies: Utilized Wormhole for cross-chain messaging, CCTP (Cross-Chain Transfer Protocol), Thirdweb for user account abstraction and meta transactions, along with JavaScript, Node.js, Express, React, Render, and Netlify.

EduChain (Github)
An on-chain e-learning marketplace enabling users to buy and sell courses with verifiable NFT certificates. The platform supports NGOs by offering a decentralized ecosystem and revenue-sharing for social good, promoting blockchain transparency in education. *Technologies*: Near Protocol, Rust, JavaScript, Node.js, near-api-js, near-sdk-rs, React, IPFS, MongoDB, Nodemailer.