

PANKAJ CHAUDHARY

Senior Blockchain Engineer

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Senior Blockchain Engineer with overall 6+ years of experience in Rust, Ethereum, Solidity, Substrate/polkadot, and other blockchain. Graduated from Polkadot Blockchain academy. Worked with Multiple command line and Networking and Blockchain Projects. He wants to work with a company which appreciates innovation.

TECHNICAL SKILLS

- Rust | Substrate | Solidity | WebAssembly | Javascript | Typescript | ReactJS
- Ethereum | Polkadot | Python | PostgreSQL | Apigee

PROFESSIONAL EXPERIENCE

Neural Internet, US

Dec 2023- Present

Senior *Blockchain Engineer*(*Solidity, Rust, Bittensor, Typescript | ReactJS*)

- Key contributor to an innovative AI + Blockchain project, integrating advanced machine learning with decentralized technologies.
- Led the blockchain engineering team, managing project timelines and team development in a high-stakes, fast-paced environment.
- Designed and implemented a custom Subnet within the Bittensor ecosystem, enhancing network performance and reliability.
- Spearheaded a liquid staking initiative for the Bittensor (TAO) ecosystem, improving token liquidity and engagement.

JUR AG, CH

Dec 2022- Dec 2023

Senior *Blockchain Engineer*(*Rust, Substrate/polkadot, Solidity, Typescript | ReactJS*)

- Working on designing the **Network State** product.
- Developed multiple pallets, and features like token swap etc.
- Launch the product as solochain as well as parachain.
- Developed a few solidity contracts for the same product.
- Implemented tokenomics, staking, vesting of the chain.

Master Ventures, HK

June 2021- Nov-2022

Blockchain Engineer(*Rust, Substrate/polkadot, Solidity*)

- Worked designing and development of Multiple custom pallets and solidity contracts.
- Worked on different features like Governance, Staking, Storage etc.
- Researched, Managing and developing EVM enabled substrate/polkadot chain.
- Worked on Rococo testnet to test the parachain.
- Worked on the ethereum compatibility in substrate chain.

- Worked on different Substrate, Command line and Networking projects.
- Checkout my [blogs](#) and [webinar](#) on Rust/WebAssembly.
- Checkout my [Crates](#) and [OS Contributions](#).

Rust Projects

Prolance: It is a tool that can monitor the running protocols on the server. So with the help of this tool, we can keep track of all the protocols. As of now, we have implemented this tool for two protocols : Dynamic Host Configuration Protocol (DHCP) and Active Directory (AD).

Technologies: Rust, Cargo, Kafka, Microsoft server 2012.

Procespy: It is a process Monitoring tool for Linux distributions, it helps the user to keep track of the running services in the system with their memory utilisation. This tool will allow the user to set the threshold for a particular service in respect of memory utilisation. If any service crosses its threshold value then the process will terminate by providing a popup with a message that a particular process is terminated and also sends an email to the user for providing the status of that service.

Conf Count: It is a Conference Monitoring Project based on Image Recognition that uses Rust Language and AWS Rekognition service to get the level of image similarity. The project can be run on the Raspberry Pi by cross compiling the existing project, details of which are given in the Readme. This project is in the form of WebServices.

Technologies: Rust, Cargo, AWS Rekognition, Kafka.

Certifications:

Polkadot Blockchain Academy Graduate

Docker Essentials

Applied Data Science with Python Specialization

Publication:

Artificial Immune Systems – Algorithm and Application Review

[Paper link](#)

Jan'2018

EDUCATION

APJ Abdul Kalam Technical University, Lucknow, India

Bachelor of Technology, Information Technology (GPA: 7.4/10.0)
