# Vishva Prasad P

## Blockchain Enginner || Devops

◆ Chennai, TamilNadu, Inida  ✉ vishva1792@gmail.com  📞 +91 9843124827  in Vishva Prasad  ○ Vishva066

## Profile

Research and Development Engineer with **3 years of experience in Blockchain technology, automating software delivery pipelines and managing robust cloud infrastructures**. I specialise in CI/CD implementation, infrastructure as code, and optimising system performance.

## Education

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| **BE CSE** | **Rajalakshmi Engineering College, Anna University** | June 2019 – April 2023 |

- CGPA: **8.8**
- **Course:** Bachelor of Computer Science Engineering

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| **HSC** | **Don Bosco Egmore, Chennai** | June 2018 – April 2019 |

- Percentage: **82.33**
- **Course:** Higher Secondary Education

## Skills and Certifications

**Languages:** Golang, JavaScript, Solidity, Mongo DB

**Frameworks:** Gin, Ansible, Terraform, Prometheus, Grafana,Hardhat, Github Actions, nginx, IPFS

**Technologies:** Docker, Kubernetes, CI/CD ,Blockchain, Hyperledger Fabric, Hyperledger Besu, Ethereum

**Cloud:** AWS, GCP, Digital Ocean

**Certifications:** Certified Kubernetes Administrator, Hyperledger Fabric Practitioner, Certified Besu Professional

## Experience

**Kerala Blockchain Academy, Research and Development Engineer**

Kerala, India
Nov 2023 – present

- Created a secure file sharing application in K8s using Hyperledger Fabric and Golang
- Trained NCPI professionals on Hyperledger Fabric.
- Created a private ethereum network for running highly scalable applications.

**Kerala Blockchain Academy, Software Developer Intern**

Kerala, India
Sept 2022 – Oct 2023

- Made performance analysis on Hyperledger Fabric.
- Provided analysis to Kerala Police on cryptocurrency scams

## Projects and Publications

**Secure File Sharing Application using Blockchain**

- Developed a secure file sharing application using blockchain and IPFS.
- A private IPFS network is used where the data will be stored in IPFS and recorded in blockchain.
- Objective: With this project we can make sure that the data in file is not tampered with and the data was sent by the original sender without any malpractice.
- Tools Used: IPFS, Hyperledger Fabric, Golang, K8s
- Client: BEL

**Certichain**
- Created an application to issue and verify certificates in a blockchain network.
- A private blockchain network is created to record the blockchain data, it is also pluggable to use with public blockchains also.
- Objective: Increase transparecny and reduce fake certificates being produced.
- Tools Used: Kubernetes, Besu, HA-Proxy, EVM Chains
- Client: Kerala University of Health and Sciences

**Land Records in Blockchain**
- Created a blockchain network to store the record of land details.
- A blockchain network is created using Kubernetes to store the land record details. Created a highly scalable application as it needs to reach large users.
- Objective: To store the land details in blockchain to be a store of record and tamper-proof
- Tools Used: Kubernetes, Besu, HA-Proxy
- Client: State Government

**Leveraging Blockchain Technology to alleviate the problems in the Music Industry**
**Publisher: IEEE**

**Crypto Airdrops: The Narrative**

Publisher: Medium