Bhargav Kacharla

ENGINEERING ARCHITECT

Professional Summary

Engineer with extensive experience in blockchain, DeFi, and cross-chain powered crypto applications. Proven track record in developing multi-chain solutions and enhancing Web3 accessibility.

Employment History

Engineering Architect, Bitarch, Bangalore

12/2023 - Present

- Led the development of BitArch's revolutionary cross-chain bridge aggregator, implementing state-of-the-art chain abstraction technology that seamlessly connects Ethereum, Solana, Cosmos, and Bitcoin ecosystems
- Architected a secure, high-throughput protocol that optimizes swap routes across 15+ bridges.
- Developed a comprehensive cross-chain swap SDK and API suite with standardized interfaces, enabling third-party DeFi applications to seamlessly integrate BitArch's cross-chain functionalities
- Developed smart contracts and backend to build decentralised exchange in Movement chain with Aptos Move and Solana chain using Rust.
- Built backend analytics system that indexed Movement blockchain events in real-time, enabling comprehensive trading metrics, liquidity provider performance tracking, and protocol-wide statistics.

Lead Blockchain Engineer, Novastro, Bangalore

06/2022 - Present

- Architected prediction market protocol with cross-protocol yield generation via Aave, Stader, and Quickswap
- Pioneered protocol deployments across cutting-edge L2 ecosystems including Arbitrum, Optimism, zkSync, and Mantle, positioning Novastro at the forefront of blockchain scalability
- Engineered a sophisticated automation framework leveraging Openzeppelin, Chainlink Keepers, and Gelato network, creating a self-executing DeFi ecosystem
- Developed subgraphs for indexing events with graph protocol.

Blockchain Engineer, Oddz, Bangalore

01/2021 - 06/2022

- Led the development of smart contracts for Oddz protocol(https://www.oddz.fi/), creating a comprehensive options trading platform with advanced features for purchase, staking, and liquidity provisioning
- Pioneered research on derivative trading in the crypto ecosystem, building a protocol with yield generation mechanisms and enhanced trading capabilities
- Engineered seamless integrations with third-party SDKs, expanding platform functionality and interoperability
- Implemented innovative gasless transactions using OpenZeppelin Defender and Biconomy relayers, significantly improving user experience

Personal Details

Bangalore,
India
9146703115
kacharlabhargav21@gmail.com

PLACE OF BIRTH
Dharmavaram, Andhra Pradesh

Skills

Blockchain

Solidity

Multi-chain

Smart contract security

Move

Typescript

Nodejs

Rust

GoLang

Links

portfolio

github

LinkedIn

medium

Courses

Emurgo Certified Blockchain developer, Emurgo

01/2019 - 01/2020

Certified Blockchain developer, Blockchain Council

05/2019 - 07/2019

Senior Software Engineer, Rakuten, Bangalore

10/2020 - 01/2021

- Architect Datalake for Rakuten telecom department for data scientists to develop intelligent models.
- Research big data technologies for building datalake to handle peta bytes of data using MinIO and YugaByte.
- Collaborated with various teams to ingest various kinds of data into data lake.

Senior Software Engineer, OpenText, Bangalore

07/2018 - 09/2020

- Developed custom solutions on OpenText product RightFax.
- Developed REST services using Web API.
- Developed web applications using .Net MVC , javascript and jquery.
- Architect custom solutions for the RightFax users.
- Writing efficient code adhering to industry standards and participating in code reviews.
- Expertise in TypeScript and developing services, custom directives in angular6.
- Designed SQL server database for web applications.

Software Engineer, Tata Consultancy Services, Bangalore

05/2015 - 06/2018

- Worked as C#.Net developer in developing web applications for various customers.
- Worked on .Net MVC Framework and used various web technologies like HTML, CSS, JavaScript,jQuery for developing a web application.
- As a member of Automation CoE team, developed custom solutions to automate the manual tasks in the team and hence reducing the team count.
- Worked on IIS and have experience in hosting web applications.
- Worked on SignalR framework in developing a chat application.
- Developed Executable applications using WPF.

Education

B.Tech. Computer Science, Sastra University, Thanjavur

06/2011 - 05/2015

Certified Ethereum Blockchain developer using solidity ,
Udemy

07/2019 - 09/2019

Certified Blockchain Professional Expert,
blockdegree

09/2019 - 12/2019

Languages

Telugu

English

Hindi