Abhith Shaji

Engineer - Developer - Researcher

[Portfolio Website](#)

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[Github](#)   [LinkedIn](#)

SKILLS

- Javascript / Typescript , Solidity
- React.js , Next.js , React Native
- Node.js , Express.js
- Kubernetes , Docker , Git
- Ethereum , Hyperledger Fabric

- MongoDB , PostgreSQL
- HTML , CSS , Bootstrap , TailwindCSS
- Hardhat , Truffle , ethers.js , web3.js

EDUCATION

Bachelor of Technology in Computer Science and Engineering
2018 - 2022

PROFESSIONAL EXPERIENCE

R&D Engineer (Ethereum) @ KBA   **November 2023 - Present**
Re-engineered the UI and backend of a blockchain backed digital signature software by transitioning from React.js to Next.js while enhancing the backend functionality and incorporating new features. Led a team of 4 in developing a crucial tender report for a significant government project.

Blockchain Developer @ KBA   **Sept 2022 - Sept 2023**
Led the development of a React-Native mobile app for an NFT Art Marketplace in Ethereum, alongside orchestrating complete Hyperledger Fabric blockchain deployment on Kubernetes. Conducted comprehensive training sessions on Dapp development for Ethereum and Hyperledger Fabric, overseeing the mentoring of teams in building full-stack applications. Additionally, conducted thorough research and analysis on various blockchain platforms and decentralized storage solutions.

PROJECTS

Sign-a-Doc
Revamped the UI of a blockchain-backed document digital signature software, transitioning from React.js to Next.js. This initiative included optimizing backend performance, integrating new functionalities, and enhancing the overall user experience.
Tech Stack - **Next.js, Node.js, MongoDB, Docker**

Blockchain Network with Kubernetes
Implemented a blockchain network on Google Cloud with Kubernetes for an automobile consortium to ensure 90% uptime and continuous node monitoring. This deployment catered to the need for persistent data and always-available nodes, meeting the consortium's objectives effectively.
Tech Stack - **Kubernetes, Node.js, Hyperledger Fabric, Google Cloud Platform (GCP)**

NFT Marketplace Mobile App
Designed a React Native app facilitating artists to sell physical paintings as NFTs, increasing onboarding speed by 70%. This innovation resolved image capture issues on the website, streamlining the artist registration process.
Tech Stack - **React Native, Redux, Solidity**