

# Sammed S Betadur

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## EDUCATION

**KLE Institute of Technology, Hubli**  
*Bachelor of Engineering in Computer Science*

Aug 2019 - May 2023  
Hubli, Karnataka

## EXPERIENCE

### Zeru.finance

Apr 2024 - present

*Full Stack Web3 Developer*

- Spearheaded the redesign and optimization of the application using **Next.js, React, and TailwindCSS**, integrating features like a leaderboard for protocol metrics and enhancing overall user experience.
- Developed a **comprehensive metrics page** showcasing **Total Value Locked (TVL)** and user interaction data by integrating backend services with frontend logic to list credit reserve tokens and compute user ZScores.
- Improved blockchain data retrieval by resolving **critical performance bottlenecks** in **Ethers.js and GraphQL**, boosting application performance from **40 to 70**.
- Ensured **mobile responsiveness** across devices with **TailwindCSS**, significantly enhancing accessibility and user satisfaction.
- Managed backend services using **Express.js** and **MongoDB**, implementing a points-based reward system with seamless **REST API integration** and leveraging **Zustand** for state management in **Next.js**.
- Contributed to **subgraph integration** by adding support for new features and smart contracts, ensuring **scalability** and accuracy in data queries and handling.
- Resolved **critical issues** in blockchain data calls by utilizing **Ethers.js and GraphQL**, optimizing performance and ensuring data consistency.
- Deployed and managed **API servers** using **AWS and NGINX** to handle high-traffic scenarios efficiently, ensuring reliability and scalability.
- Implemented **AWS SQS** to queue requests and ensure no events were missed when calculating user logic, improving reliability and consistency in event-driven processes.
- Proficiently applied **Next.js, Axios, SCSS, Zustand, TypeScript, TailwindCSS, Node.js, MongoDB, React, Tanstack Query, Wagmi (EVM), RainbowKit, UITesting (synpress), Performance Optimization, AWS, NGINX** and **Docker** for local testing by creating containers and volumes to simulate AWS SQS in the development environment.

### Web3Scope

Oct 2023 – Apr 2024

*Full-Stack Developer*

Hydrabad, India

- Implemented reusable components using **Next.js and TypeScript**.
- Constructed REST API and routes, designing an innovative database schema, demonstrating creativity and collaboration.
- Proficiently applied **Next.js, TypeScript, TailwindCSS, Node.js, REST API, MongoDB, React Query**.

### TechSteck Solutions Pvt. LLP

Sep 2022 - Dec 2022

*Blockchain Developer Intern*

India

- Developed the **Stake sSPELL Bridge Smart Contract** using **Solidity**, enabling staking of sSPELL tokens across blockchains.
- Collaborated closely with the team to write and test the smart contract, ensuring accuracy and adherence to blockchain best practices.

## PROJECTS

**StakeX Application** | *foundry, Solidity, Ether.js, Next.js, TypeScript, Wagmi, TailwindCSS, [Github Link](#)* [Live Link](#)

- Utilized Foundry to write, test, and deploy smart contracts, ensuring robust functionality and efficient deployment
- Developed StakeX, a decentralized application (dApp) where users can stake tokens and earn rewards in return.
- Built an intuitive and user-friendly interface, providing clear visuals to help users easily navigate .

**Scatch-Book Application** | *Next.js, Redux-Toolkit, Typescript, TailwindCSS, Socket.io, Express.js*

[Live Link](#)

- Real-time drawing and collaboration web app where users can draw, save, and collaborate with friends.

## TECHNICAL SKILLS

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**Languages and Libraries:** Solidity, Go, TypeScript, React.js, JavaScript, Java, C/C++, HTML/CSS, ethers.js, web3.js, Context API, React Redux, jQuery

**Frameworks and Database:** Hardhat, Truffle, Foundry, Next.js, Node.js, Express, Mongoose, TailwindCSS, Material-UI, REST API, Synpress, styled-components, Postgresql, redis, mongodb, Ethereum, Zustand

**Developer Tools:** Git, GitHub, Vercel, AWS, Docker, IPFS, Google Cloud Platform, VS Code