

# Sammed S Betadur

+91 7026716767 | [sammed2110@gmail.com](mailto:sammed2110@gmail.com) | [LinkedIn](#) | [GitHub](#)

## EDUCATION

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

Aug 2019 - May 2023  
Hubli, Karnataka

## EXPERIENCE

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### Zeru.finance

Apr 2024 - present

*Frontend Web3 Developer*

- Led the redesign of the application using **Next.js, React, and TailwindCSS** to enhance user experience and functionality, including integrating a leaderboard for the protocol.
- Built a metrics page to display Total Value Locked (TVL) and user interaction activity, implementing a backend server and frontend application. Developed logic to list all credit reserve tokens and calculate each user's average ZScore
- Optimized the performance of blockchain data retrieval by fixing critical bugs using **Ethers.js and GraphQL**, raising the app's **performance rating from 40 to 70**.
- Improved the mobile responsiveness of the application, ensuring smooth functionality across devices using **TailwindCSS**.
- Managed services using **Express.js** and **MongoDB**, where users earned points based on specific criteria, further integrating **REST APIs** for efficient data management.
- Contributed to the subgraph integration, adding support for new features and smart contracts, ensuring scalability and accuracy in data handling.
- Fixed critical bugs related to calling data from the blockchain, utilizing **Ethers.js** and **GraphQL** to retrieve and manage blockchain data.
- Proficiently applied **Next.js, TypeScript, TailwindCSS, Node.js, MongoDB, Next.js, React, Tanstack Query, Wagmi (EVM), RainbowKit, UITesting (synpress), Performance Optimization**.

### 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

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

- 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 and understand the staking process.

**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, TypeScript, React.js, JavaScript, Java, C/C++, HTML/CSS, ethers.js, web3.js, Context API, React Redux, jQuery

**Frameworks:** Hardhat, Truffle, Foundry, Next.js, Node.js, Express, Mongoose, TailwindCSS, Material-UI, REST API, Synpress, styled-components

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