

# Abhishek Kumar

## Senior Frontend Engineer

I am a Self-educated developer, with major frontend development experience. In my two years of professional experience, my best work has happened in teams and I have collaborated with prolific Web3 builders on many projects. Now, I want to be more deeply immersed in the Web3 ecosystem, work on problems at scale and build a world-class experience for users in the ecosystem.

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## Professional Experience

### Senior Frontend Engineer

Zomentum ( 2020 - present )

- Reduced customer churn and increased revenue by 2x by refactoring large-scale features to their own packages and improving their performance with code splitting.
- Led a team of four developers to migrate the frontend architecture to monorepo using Turborepo
- Improved the app's performance by reducing redundant re-renders and improving the state hierarchy in redux by creating separate state for large features and defaulting to shallow compare.
- Improved the component architecture of the application and introduced a Design System; that fixed the design inconsistencies and resulted in ease of creating component wrapper
- Reduced build time of packages by replacing the bundler with Rollup
- Worked on a drag-and-drop block based document editor, a flagship product of the company, allowing customers to build beautiful sales proposals by adding blocks and products with real-time pricing. This feature drives a huge chunk of sales.
- Tech Stack: ReactJs, Typescript, Tailwind, Redux, React Testing Library

## Skills

### Languages

JavaScript, TypeScript, Solidity

### Frontend

React, Redux, PWA, NextJs, HTML, TailwindCSS, StyledComponents, Framer Motion, Chrome Extension, TailwindCSS

### Backend

NodeJS, ExpressJS, WebSockets

### Database

MongoDB, Firebase, Supabase

### Cloud

AWS - ec2, SES, SQS, Route 53, lambda

### Testing

React Testing Library

## Projects

### Dakiya

A multi-chain protocol to enable users to send end-to-end encrypted messaging using their address

- Implemented the end-to-end encryption using symmetrical encryption keys
- Developed the frontend and smart contract involved
- Recieved grants from Polygon, EthIndia and Questbook
- Tech Stack: ReactJs/NextJs, TailwindCSS, ethers, Subgraph, wagmi.sh, Solidity, TypeScript, Vercel

### ENS Subdomain Registrar

A portal to programatically register sub-domain of an ENS without intraction of ENS owner.

- Figured out the interaction with ENS contract, registering a Reverse Registrar and controlling ENS via contract
- Developed the frontend and smart contract. Also, implemented whitelisting of users via Merkle tree.
- Tech Stack: ReactJs/NextJs, TailwindCSS, RainbowKit, wagmi.sh, Solidity, TypeScript, Vercel

## **PoolNFT**

A platform to enable users to support NFTs with streamable payments. The winning NFT is decided by the engagement each generates. At the end of a specific period the amount collected will be distributed among the supporters of the winning NFT.

- Implemented Superfluid for streaming sponsored amount towards NFT.
- Developed the frontend and design of the app
- Built seamless interface and functionality of bridging NFTs across L1 and L2
- Tech Stack: ReactJs/NextJs, TailwindCSS, ethers, TypeScript, Vercel

## **NoCodeLetters**

A tool to send and manage email newsletters directly from Notion workspace. The users don't need any other Email Service Provider, everything is built into the Notion dashboard.

- Built the whole product from scratch and also managed the design and user engagements
- Onboarded 1000+ users and got micro-acquired for \$10k
- Integrated with AWS's SES and SQS for optimal email delivery system and handled around 400 - 500 Daily emails.
- Tech Stack: ReactJs/NextJs, TailwindCSS, FirebaseDB, AWS SES and SNS, TypeScript, Vercel

## **Frens.Money**

A platform to easily track and manage lent or borrowed money without any hassle.

- Built and led the fullstack development of the project
- Tech Stack: ReactJs/NextJs, TailwindCSS, FirebaseDB, Thirdweb, Vercel, TypeScript, ethers

## **BuyMeACryptoCoffee**

Crypto alternative of BuyMeACoffee to enable users to get support via Ethereum, Polygon and Solana

- Built and led the fullstack development of the app
- Built account migration feature allowing users to collate accounts from multiple across under single dashboard
- Tech Stack: ReactJs/NextJs, TailwindCSS, FirebaseDB, Vercel, TypeScript, ethers

## **Wagmi.cards**

A platform to send crypto gifts to your friends

- Built the frontend and smart contract
- Extended the ERC721 contract to work as an escrow contract
- Tech Stack: ReactJs/NextJs, TailwindCSS, Vercel, TypeScript, ethers

# Communities

## **Core member**

### **BuildOnChain**

BuildOnChain is India's only cohort and community for Web3 side projects.

- Mentoring and helping community members learn Web3 tech stack
- Ideating and enabling builders to ship projects
- Enabling partnerships to grow the community