

Aditi Polkam, Full Stack Developer

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WORK EXPERIENCE

Full Stack Developer – [Sadaiv CI](#), Bengaluru

Jan 2023 – Jun 2023

Firebase, NextJs, React, Material UI, Ant Design, Tailwind CSS, Figma, Solidity, Web3Auth, Biconomy, Lighthouse Storage and GraphQL

- Contributed to the GitHub app backend, significantly impacting the product's development
- Created a high-performance web-app with over 300+ users in a week with Firebase Authentication and Cloud Firestore
- Implemented web frontend for 3 products with pin-point precision from Figma high-fidelity designs
- Wrote 2 Smart Contracts for the developer identity protocol

Technical Content Writer Intern – [Wow Labz](#), Bengaluru

Sept 2022 – Jan 2023

SEMRush, WordPress, TypeFully, Notion, Grammarly, Canva

- Conducted extensive research on metaverse and web3 projects to write over 35+ blogs.
- Optimized 20+ content pieces and wrote over 40+ social media posts related to blockchain and underlying tech.
- Learned new technologies and created projects to write technical tutorials on.

Frontend Developer Intern – [CFT Labs](#), Jaipur

Aug 2022 – Sept 2022

React with Vite, Chartjs, D3.js, Framer Motion, Chakra UI, Axios, TopoJSON, Cloudinary

- Quickly adapted to the code written by a teammate and performed smooth API integrations with efficient state management for 2 products simultaneously.
- Single-handedly prepared a dashboard to track sales with data filtering and improved the web app by over 50% in source code optimization.

EDUCATION

Bachelor's in Computer Engineering, Savitribai Phule Pune University - 9.05 GPA

Jul 2023

ACHIEVEMENTS

Winner - DeveloperDAO x Mailchain Mini Hackathon and wmn; 2023 hackathon

Student of the Year (Std X) - Sardar Dastur Noshervan Girls' High School

Pune Chapter Lead, The Phoenix Guild (conduct workshops on blockchain development and related concepts)

Guest Speaker and Mentor for a workshop on creating a full-stack app (PES Modern College of Engineering, Pune)

State Level Basketball Player

SKILLS

Programming Languages: Python, Solidity, SQL, C, C++, Java, JavaScript, TypeScript

Frontend -Web and Mobile: HTML, CSS, React, NextJs, Svelte, Java AWT, Android Studio

Design Libraries: Tailwind CSS, Material UI, Chakra UI, Ant Design

Backend: NodeJS (with Typescript), Express, JSP (Java Server Pages)

Databases: MySQL, Oracle, SQLite, Firebase, MongoDB, PostgreSQL

Other: Git, Github, Linux, Ethereum, Figma, Canva, WordPress, Remix

PROJECTS

EquiId - a platform to solve the presence of biased and stereotype-reinforcing fields in job applications resulting in unfair judgments ([Source Code](#) | [Demo](#) | [Project](#))

Technologies Used - ReactJs, Replit, Polygon, Chakra UI, Solidity, Filecoin, Lighthouse, IPFS, Multer, Nodejs, Express

- Planned, designed, and developed the entire platform within a very short span of 24 hours and **won a track prize at wmn; 2023 hackathon.**
- Worked on developing the smart contract to issue Soulbound Tokens as pay proofs and set up the server that eliminates details like gender, location, and race.
- Implemented code for storing user documents in an encrypted way on IPFS with access control handled by the system admin.

Qrate - a blockchain-based crowdsourcing system to automate question paper generation ([Live App](#) | [Source Code](#))

Technologies Used - NextJS, Chakra UI, GraphQL, Polygon, TailwindCSS, Chainlink, Solidity, Vercel

- Managed the project deadlines and project milestones for the team and increased productivity by 30%
- Implemented 2 algorithms to evaluate the questions by moderators and to generate desired question papers

NewsMail - a newsletter API service for Mailchain users ([Source Code](#) | [Dashboard to create a token](#))

Technologies Used - Nodejs, Express, Firebase, Mailchain SDK, Passport Magic Link, EJS, Render

- Created a server to handle all the operations of sending and maintaining newsletters so that users could customize the appearance as needed.
- Worked solo in a fast-paced hackathon and created a working model in about 2 days with magic link authentication and auth-token generation for sending verified requests to the API.

Spotify Song Downloader - download songs from Spotify links ([Source Code](#))

Technologies Used - Python, Spotify API, spotipy, eyed3, ffmpeg, pytube, and ytmusicapi

- A utility to download mp3 files of the required songs - albums, playlists, artists, and single tracks
- Worked with various packages and libraries to find a fun and easy way to download Spotify songs.

LINKS

LinkedIn: <https://www.linkedin.com/in/aditipolkam/>

Github: <https://github.com/aditipolkam>

Blog: <https://aditipolkam.hashnode.dev/>

Youtube: <https://www.youtube.com/@aditipolkam>