

# Aditi Polkam, Software Engineer

[aditipolkam.me](https://aditipolkam.me) | +91 8623800883 | [aditipolkam@gmail.com](mailto:aditipolkam@gmail.com) | [github.com/aditipolkam](https://github.com/aditipolkam) | [linkedin.com/in/aditipolkam](https://linkedin.com/in/aditipolkam)

---

## WORK EXPERIENCE

**Software Engineer** – [The Social Continent](#), Pune

July 2023 - present

Tech Stack - NodeJs, Typescript, Solidity, Git, Github, PostgreSQL, AWS, NPM

- Engineered and optimized backend architecture utilizing Node.js, Typescript, and PostgreSQL, for supporting an estimated user base of 1.5m users.
- Spearheaded research initiatives on hub architecture designing, resulting in reducing latency by 30%.
- Maintained comprehensive documentation and npm packages.
- Led AWS deployment efforts for API and databases, ensuring seamless scalability, with 99.9% uptime and efficient resource utilization.

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

Jan 2023 – May 2023

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

- Developed high-performance web applications, resulting in an acquisition of 300+ users within a week.
- Contributed to backend enhancements, leveraging expertise in smart contracts and blockchain technologies, notably with the GitHub app and creating a sub-graph for indexing blockchain data driving a 23% increase in product functionality.
- Contributed to system design brainstorming sessions with the founder, enhancing overall product vision and strategic direction.

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

Aug 2022 – Sept 2022

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

- Integrated APIs and optimized state management for two products, leading to a 20% improvement in product development efficiency.
- Designed and deployed a dynamic sales dashboard, enhancing web app performance by over 35% by implementing efficient data caching mechanisms and optimizing front-end rendering.

---

## EDUCATION

Bachelor's in Computer Engineering, Savitribai Phule Pune University - **8.96 GPA**

Jul 2023

---

## TECHNICAL SKILLS

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

**Frontend:** HTML, CSS, React, NextJs, Svelte

**Backend:** NodeJS (with Typescript), Express

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

**Other:** Git, Github, Linux, AWS, NPM

---

## PROJECTS

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

Tech Stack - 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.

**ExpoSync** - streamlining exhibitions for exhibitors and managing consumer data ([ExpoSync](#)) - **Freelance Project**

Tech Stack - Nodejs, Express, PostgreSQL, Sequelize ORM, Googleapis, Meta Business

- Developed an email tracking feature to monitor consumer interactions, allowing for real-time feedback and analytics.
- Integrated Googleapis and Meta Business services to enhance functionality and provide comprehensive solutions like bulk emailing and whatsapp notifications.

**Onchain Friends SDK** - social networking by leveraging blockchain activity to suggest connections and facilitate effortless user invitations ([Github](#))

Tech Stack - Node Js, NPM, Typescript, Airstack, XMTP

- Integrated XMTP seamlessly into our application flow to send invitations, enhancing user experience and engagement.
- Contributed to the project's success, eventually winning **bounties from XMTP and Airstack at EthIndia 2023**.

---

## ACHIEVEMENTS

Bounty Winner at ETHIndia 2023, 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 workshops (PES Modern College of Engineering, Pune and Dhole Patil College of Engineering, Pune)