

Aditi Polkam, Software Engineer

aditipolkam.me | +91 8623800883 | aditipolkam@gmail.com | github.com/aditipolkam | linkedin.com/in/aditipolkam

SUMMARY

Software Engineer with 2+ years of experience in designing, developing, and optimizing software solutions. Skilled in backend development, API design, and crafting efficient, user-focused systems.

WORK EXPERIENCE

Full Stack Engineer – [Offline Protocol](#), Remote

Jan 2025 - present

- Built a performant, interactive website with a modern UI, optimized for all devices and accessibility standards.
- Collaborated with Design and Product to deliver smooth, consistent user experiences across the platform.
- Migrated backend from legacy JS to TypeScript with a MongoDB → Postgres transition, reducing downtime by 99%.
- Developed a shared SDK and core utility package to enable external integrations and ensure ecosystem consistency.

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

July 2023 - Jan 2025

- Architected and developed scalable backend systems using Node.js, TypeScript, and PostgreSQL.
- Developed APIs for customer-facing and internal systems, leveraging caching strategies with Redis for optimal performance.
- Automated deployments using AWS Lambda and EC2, reducing deployment time by 30%.
- Established CI/CD pipelines and containerization using Docker, enhancing development workflows.
- Improved reliability by monitoring and optimizing API response time by over 40%.

Full Stack Developer – [TrueNetwork \(previously Sadaiv\)](#), Remote

Jan 2023 – May 2023

- Developed and maintained GraphQL APIs to support real-time data flows in web applications.
- Built a subgraph for blockchain data indexing, enhancing system performance and reducing latency.
- Contributed to product strategy and system design, resulting in acquiring over 300+ users within a week.
- Integrated third-party services like Lighthouse Storage and Biconomy to streamline workflows.

EDUCATION

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

Jul 2023

TECHNICAL SKILLS

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

Backend: NodeJS (with Typescript), Express, Docker, Redis, Kafka

Frontend: HTML, CSS, React, NextJs, Svelte

Database: MySQL, SQLite, Firebase, MongoDB, PostgreSQL

Other: Git, Github, Linux, AWS, NPM, Nginx, Prisma, GraphQL

PROJECTS

Buidl Domains - decentralized name service (DNS), enabling users to register, manage, and resolve ids on the blockchain. ([Github](#), [Demo](#))

Tech Stack - Node Js, Typescript, PostgreSQL, Prisma, GraphQL, React, Tailwind, Privy.io, Solidity, Hardhat, AWS ec2, Privy.io

- Designed and deployed a decentralized name service integrating Ethereum smart contracts, enabling secure domain registration and management.
- Built a **GraphQL backend with Node.js, TypeScript, and Prisma** for contract data indexing and metadata management.
- Developed a responsive React frontend with Privy smart wallet integration, facilitating seamless user interactions with the blockchain.

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

- Created a decentralized **networking SDK** using **Node.js and TypeScript**.
- Integrated XMTP for seamless user communication and networking.
- Contributed to the project's success, eventually winning **bounties from XMTP and Airstack at EthIndia 2023**.

ACHIEVEMENTS

Hackathon Awards: Winner of the “XMTP+Airstack” track in EthIndia 2023, "Best Hack built on Ethereum + Polygon" track at wmn; 2023, etc

Contributions to the Community: Guest Speaker and Mentor for workshops across colleges in Pune

Leadership: Pune Chapter Lead for The Phoenix Guild, promoting diversity in tech by conducting workshops.

VOLUNTEERING

Head of Events, Foster Reads - Developing marketing strategies and managing a 4 day physical event conducted in Pune

Stage Volunteer – Devcon 7, Bangkok - Assisted in managing stage logistics for a global crypto event, ensuring smooth transitions between sessions and maintaining speaker schedules.