Prathamesh Mutkure

India | pmutkure009@gmail.com | prathamesh.co | linkedin.com/in/prathamesh-mutkure

github.com/prathamesh-mutkure

Education

Vishwakarma Institute of Information Technology, B.Tech in Computer Science   Dec 2021 – May 2024
- **GPA:** 9.18/10.0   Pune, India
- **Coursework:** CSE with Artificial Intelligence and Blockchain

Skills & Technologies

Languages: TypeScript, JavaScript, Python, Rust, Solidity, Dart

Technologies: Next.js, Nest.js, Flutter, React.js, Hardhat, GraphQL

Chains: Ethereum & EVM, Stellar, Polkadot, Aptos

Other: Gemini, OpenAI, Twillio, tRPC, Node.js

Experience

Full Stack Developer Intern, Up&Up Life – remote   June 2024 – Present
- Led development of SoundCast.ai from scratch
- Built voice based AI agents integrated with phone service through Twilio
- Worked on other AI products and company dashboards

Frontend Engineer & Founding Member, BetterIDEa – remote   Jan – June 2024
- Led frontend development for BetterIdea, an web-based IDE for the Arweave & AO ecosystem
- Launched it as part of Arweave India Launchpad and initial onboarded users

LFX Mentee, CNCF Jaeger – remote   Sept 2023 – Nov 2023
- Got selected as Mentee through Linux Foundation Mentorship Program Fall 2023
- Worked on Jaeger, top level CNCF (Clound Native Computing Foundation) project
- Implemented network graphs and DAGs for monitoring distributed micro-services

MLH Fellowship, Web3 Fellow – remote   Jul 2023 – Sept 2023
- Got selected for the Web3 track of MLH Fellowship Summer 2023 batch with an acceptance rate <2%
- Worked on building a decentralized tender management platform based on NEAR blockchain
- Lead the frontend development with significant contribution to the backend too

Frontend Developer, Uplifters – remote   Dec 2022 – Jun 2023
- Led the frontend development for their EdTech platform
- Build everything from scratch including authentication, backend integration, UI/UX, design
- Automated deployment flow through GitHub actions and Microsoft Azure

Frontend Developer Intern, Stadium FC (now Athylst) – remote   Jan - Jun 2022
- Worked on Sports Academy Management SaaS that included 8 different modules <2%
- Built many modules from scratch that included handling large and complex data on the frontend

Projects

DotCade - On-chain Arcade Games   DotCade.fun
- Developed an on-chain arcade gaming platform with unified gaming ID shared across games, powered by Polkadot
- Tools Used: True Network, Kilt DID, Next.js, Node.js, Adobe Flash

RecurrPay - Automated Payments on Stellar   RecurrPay.xyz

- Developed a B2B SaaS platform to automated payments & transactions on the Stellar Blockchain
- Features include managing payrolls, disburse funds, and setup automated or recurring future payments
- Tools Used: Stellar SDK, Next.js, Nest.js

AptCash - Fiat to Crypto Payment Gateway   AptCash

- Developed a payment gateway for the Aptos Ecosystem to accept fiat and receive crypto
- Users can pay through Web2 technologies like UPI, Credit Cards & PayPal
- The merchants will receive crypto tokens directly into their wallet, APT tokens in this case
- Tools Used: Aptos SDK, PayPal, Braintree, Next.js, Nest.js

CitriFi - Stablecoin DCA on Citria   CitriFi

- Developed a super DeFi app on Citrea that supports DCA (Dollar Cost Averaging) through USDC
- Users can invest systematically into cBTC tokens with stablecoins like USDC with automatic token swapping behing the scenes
- Tools Used: Solidity, UniSwap v4, Next.js

SoundCast AI - Voice based AI Agents over Phone   SoundCast.ai

- Developed voice based AI agents and celebrity replicas for a startup as founding engineering intern
- Voice and text based replicas of famous celebrities like Sadguru, Elon Musk, Achrya Prashant, etc
- Tools Used: Gemini, Twilio, GCP, Next.js, Node.js

Anti-Cheat Exam App   Demo

- Build an Online examination platform that prevents cheating using Artificial Intelligence, and Machine Learning
- Supports MCQ based exams on mobile and web, powered by Google's Mediapipe and ML Kit
- Tools Used: Flutter, Next.js, Node.js, Mediapipe, Google ML Kit

Achievements

- Winner, ETHLondon Hackathon 2024 - Arbitrum Frameworks Track, won $4000 – Project Link
- 2nd Overall, Encode Bitcoin Bangkok Hackathon 2024 – Announcement
- Winner, Polkadot Hacker House 2024, Bengaluru - First, won $1500 – Project
- Winner, ETHIndia Hackathon 2023 - Arbitrum Stylus Track, won $4000 – Project Link
- First, Stellar Indiathon 2024, won $2500 – Announcement
- Winner, ETHBangkok Hackathon 2024 - Flow Best Gaming Project, won $2000 – Project Link
- Winner, Google Code-in 2019, won fully sponsored trip to Google HQ, California – Announcement
- Winner, MLH Web3 Build Hackathon 2023 - won a trip to NEARCon Portugal and other prizes – Project Link
- Third position, Arweave Hacker House 2023, Bengaluru, India - won $1000 – Announcement
- Runner up, SheBuild's Hackathon 2023 @ Concordium Track – Project Link

Volunteer Experience

FOSSAsia Summit 2024, Vietnam – Speaker   Apr 2004

Spoke about modern full stack web development using the T3 stack

Palisadoes Foundation – Contributor   Dec 2022 - May 2023

Contributed to the Talawa API and Talawa Admin of Palisadoes Foundation, making around 25 PRs

AISA, VIIT – Speaker   Aug 2022 - Aug 2023

Finance Head at Artificial Intelligence Student Association, VIIT Pune

SEC, VIIT – Technical Head   Dec 2021 - May 2022

Technical Head Student Empowerment Cell, VIIT Pune