

# Rakesh Potnuru

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## Summary

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Software Engineer with over 3 years of professional experience. Proven expertise in full-stack development. Looking for a role where I can put my development skills to work, solve real problems, and collaborate closely with the team.

## Experience

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| <b>Software Engineer</b> , Chainrisk   | Apr. 2025 to Nov. 2025 |
| • Led the frontend development for AFI Protocol Agents, a high-fidelity DeFi research assistant trained on on-chain data; also contributed to backend workflows using LangChain to power intelligent agent behaviors.                                    |                        |
| • Developed the frontend for AFI Financial Intelligence Ledger for RWAs, a Proof-of-Reserve infrastructure platform enabling institutional-grade, composable yield in DeFi.  |                        |
| • Integrated Thirdweb to interact with smart contracts, enabling seamless on-chain operations and asset verification within the product.   |                        |
| • Collaborated closely with product, design, and blockchain engineers to deliver reliable, performant interfaces for institutional-grade DeFi analytics.   |                        |
| <b>Technical Writer (Freelance)</b> , Ramotion   | May 2022 to present    |
| • Writing in-depth technical articles covering web technologies, design systems, and engineering best practices.   |                        |
| <b>Lead Frontend Engineer</b> , Truffles AI  | Jan. 2024 to Mar. 2025 |
| • Led the frontend development of the Truffles AI, enabling enterprises to automate data extraction, underwriting, and credit modeling - contributing to 90% faster processing times showcased in customer case studies.                                 |                        |
| • Developed responsive, high-performance UIs in Next.js + TypeScript, powering features like document ingestion, multi-format data viewing, real-time AI extraction, and workflow dashboards. Utilized Supabase for auth, storage, and realtime updates. |                        |
| • Collaborated closely with ML engineers, backend teams, and product leads to ship scalable interfaces supporting high-compliance environments (PCI-DSS, SOC-2).   |                        |
| <b>Frontend Engineer</b> , Truffles  | June 2023 to Dec. 2023 |
| • Contributed to the development of a global payments suite enabling seamless fiat & crypto rails for businesses, building responsive front-end modules aligning with product goals.   |                        |
| • Improved application load-performance and user experience by optimizing bundle sizes, adopting code-splitting and lazy-loading techniques.   |                        |
| • Implemented modular UI components in React/Next.js, collaborating closely with the Lead Frontend Engineer to translate designs into pixel-perfect interfaces.  |                        |
| <b>Frontend Engineer Intern</b> , Truffles   | Apr. 2023 to May 2023  |
| • Assisted senior engineers in developing core product features using React, Next.js, and Tailwind CSS.  |                        |
| <b>MLH Fellow</b> , MLH Fellowship   | July 2022 to July 2022 |
| • Contributed to open-source projects through collaborative sprints and pair programming.  |                        |
| • Gained hands-on experience with software engineering workflows, GitHub collaboration, and community-driven development.  |                        |

## Projects

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| <b>WithUPI - Get Your UPI Page</b>  | Aug. 2025 |
| • A simple Buy Me A Coffee alternative to provide an instant way to support creators. |           |
| • Tech Stack: NextJS, TypeScript, Supabase, TailwindCSS                               |           |

## **My One Post - Minimal Social Platform**

Dec. 2024

- A minimal social media platform with an aim of reducing social media addiction.
- Tech Stack: NextJS, TypeScript, NestJS, Supabase, PostgreSQL, Google Cloud (NLP, Storage), Mux, ExpressJS

## **Publish Studio - Creator Tooling Suite**

Mar. 2024

- A content curation and publishing platform used by writers, marketers, and bloggers to plan, draft, and distribute content efficiently.
- Tech Stack: NextJS, Paddle, tRPC, MongoDB, TailwindCSS, Sendgrid & Resend, Redis, Posthog, ExpressJS, Vite

## **Skills**

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**Cloud Platforms:** AWS, GCP, Cloudflare

**IaC & Orchestration:** Docker, Docker Compose

**CI/CD & Automation:** GitHub Actions, Jenkins

**Observability & Monitoring:** Better Stack

**Languages & Frameworks:** TypeScript, Python, NextJS, NestJS, Flask, ExpressJS, React & React Native, TailwindCSS, Sass, tRPC, Gatsby

**Databases & Caching:** PostgreSQL, Redis, SQLite, MongoDB

## **Education**

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**Lovely Professional University**, Bachelor of Technology in Computer Science and Engineering – Jalandhar, India

June 2020 to June 2024

- Major: Machine Learning