Moksh Upadhyay

Full-stack engineer building stablecoin and cross-border payment infrastructure. Delhi, India.

mokshupadhyay4@gmail.com +91 93118 06965 mokshdev.vercel.app github.com/mokshupadhyay LinkedIn

Experience

Full-Stack Engineer, Crebit San Francisco, remote — May 2026 – now

- Built the FX Rate Lock platform from scratch: fintechs and on-ramps lock BRL, MXN and NGN to USD for up to 180 days, covering quotes, forwards, options and the full contract lifecycle to settlement.
- Designed the APIs in Python, FastAPI, PostgreSQL and Redis, with API keys and rotation, access and refresh tokens, MFA step-up, rate limits and idempotent requests.
- Integrated price oracles (RedStone, Binance), USDC and USDT settlement on Solana, Tron, Base and Stellar, and fiat payouts over PIX, ACH, Fedwire and SWIFT, with margin calls and partner webhooks.
- Built KYB onboarding with DocuSign, the partner Developer Dashboard and the internal admin portal in Next.js, and CI/CD on GitHub Actions, Docker and AWS (ECR, RDS, auto-scaling) with New Relic.

Full-Stack Engineer (freelance), Crebit Remote — Jan – Apr 2026

- Built the React web platform and React Native iOS app for international tuition payments (students in Brazil, Mexico, Colombia and the US): live FX calculator, Send Money flow, and KYC with Supabase Auth and Plaid.

Software Engineer (internship), Grip Invest Gurugram, hybrid — Jun 2024 – Apr 2026

- Built the Grip Invest mobile app from scratch in React Native; it passed 100,000 downloads on Google Play and the App Store.
- Wrote native modules in Kotlin, Java, Swift and Objective-C, including biometric login and runtime app-icon changes; integrated MoEngage, RudderStack and Firebase and automated release pipelines.
- Built the Partner Portal in Next.js, Redux Toolkit and TanStack Query, and Node.js and MySQL APIs, including a service that parses ECAS statements pulled from Gmail over OAuth.

Hackathons and open source

Judge, Tameion Agents Hackathon Recognised by Circle — Nov 2026

Recourse, PayPal AI Hackathon Next.js, PayPal Agent Toolkit, Claude API — 2026

- Buyer and seller protection for purchases made by AI agents: a signed spending mandate, a flight recorder of every agent step, and rule-based refunds through PayPal or an evidence packet for the merchant.

ChainGuard, Reactive Network Omni Buildathon Solidity, Foundry, React — 2026

- An on-chain watchdog that revokes dangerous token approvals through reactive-contract callbacks, with no keeper bot.

EKLAVYA, Smart India Hackathon 2024 Team leader: AI learning-path dashboard with progress tracking and recommendations — 2024

React Native libraries react-native-flex-toast (npm), react-native-app-icon-switcher, react-native-anchor-tips — 2026

Projects

StockForge Stock and ETF broking app for iOS and Android with live data, charts and watchlists. React Native, TypeScript — 2025

Meeting Summary Recording to decisions, action items and open questions. Python, faster-whisper, Gemini API — 2026

Skills

Languages	TypeScript, JavaScript, Python, Java, Kotlin, Swift, Solidity
Front end	React, Next.js, React Native, Redux Toolkit, TanStack Query, Tailwind CSS
Back end	FastAPI, Node.js, Express, PostgreSQL, Redis, MySQL, MongoDB, Supabase
Payments	USDC and USDT settlement on Solana, Tron, Base and Stellar; PIX, ACH, Fedwire, SWIFT; Plaid
Infrastructure	AWS (ECR, RDS, auto-scaling), Docker, GitHub Actions, New Relic, Vercel

Education

B.Tech in Computer Science (AI and ML), KCC Institute of Technology and Management Greater Noida — 2022 – 2026

Certifications: Generative AI with Large Language Models (DeepLearning.AI and AWS, Coursera, 2026); 100 Days of Code: The Complete Python Pro Bootcamp (Udemy, 2025); Java Web Development with AI (HCLTech); The Complete Full-Stack Web Development Bootcamp