

# Shashank Poola

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## Summary

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Full-Stack Developer with hands-on experience building and scaling web products from 0 to 1. Strong across frontend and backend development, with a focus on performance, clean architecture, and reliable, user-focused applications.

## Projects

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### TradeX - Crypto Trading Platform [🔗](#)



- Built a crypto trading platform supporting BTC, SOL, and ETH with long/short positions, leverage, slippage, PnL, and stop-loss.
- Implemented a trading engine using Redis Streams for order processing and WebSockets for real-time market data.
- **Tech Used:** TypeScript, Express.js, React JS, Redis pub/sub, Streams, Prisma, Postgresql, WebSockets, Turbo repo, Docker, DigitalOcean.

### PlutoLab - AI-Powered Website Builder [🔗](#)



- Built a Lovable-style AI website builder that generates and runs full-stack applications from user prompts using Gemini and Groq.
- Designed a sandboxed execution environment with a custom in-browser terminal to install dependencies, run servers, and stream logs securely.
- Implemented live preview domains for real-time application rendering and iteration.
- **Tech Used:** React JS, Typescript, Next JS, Express JS, Gemini, Grok, SandBox, Redis Pub/Sub, Tailwindcss, Prisma, JWT, zod, Postgresql, Prisma, Docker

### Rivet(n8n) - AI Automation Tools Platform [🔗](#)



- Developed AI automation tool allowing users to build custom workflows by connecting various APIs and services through node editor using ReactFlow.
- Implement nodes types like Mail service, Telegram bot, AI tools (Gemini, Grok), and manual trigger.
- **Tech Used:** React js, Node.js/Express, Typescript, ReactFlow, Postgresql, Prisma, Docker, Vercel, Gemini, Grok, Resend.

## Freelance Full-Stack Developer

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### Self-Employed — Remote

2025 - Present

- Delivered 6+ client applications end-to-end, including backend APIs, frontend interfaces, database design, and deployment.
- Built scalable frontend and backend systems using modern JavaScript/TypeScript stacks.
- Collaborated directly with clients to refine features, fix production issues, and improve performance.
- **Tech Used:** Nodejs, React / Next JS, PostgreSQL, REST APIs, Deployment(Vercel/DigitalOcean)

## Technologies

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**Frontend:** TypeScript, JavaScript, React, Next.js, Tailwind CSS, Framer motion, GSAP

**Backend:** Node.js, Express, PostgreSQL, Prisma, Pub/Sub, WebSockets, Axum, Zod, JWT, Bcrypt, Redis streams, MongoDB.

**Web3 & Blockchain:** Rust, Web3.js, Solana, Anchor

**Tools & DevOps:** Git, GitHub, Docker, Turborepo, Vercel, DigitalOcean

## Education

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**Bharat Institute of Engineering and Technology**  
B.tech in Computer Science(AIML)

2022 - 2025