

Shaurya Nayyar

New Delhi | +91-8826096270 | shauryanayyar.dev@gmail.com | LinkedIn | GitHub | Portfolio

EXPERIENCE

ZFunds

Software Developer Engineer

Gurugram

Sep 2025 – Present

- Built **Desk**, an advisor platform for recurring portfolio reviews with alerts for KYC, mandate and order failures, plus proposal tracking and WhatsApp notifications on FastAPI.
- Integrated **BSE StAR MF** APIs for STP and SWP orders, with a twice daily cron that reconciles every order with BSE and notifies investors.
- Built a website builder for financial advisors in **4 days**, released to **40,000+ users**, and cut its OpenAI image cost by **50%**.
- Cut certificate generation from **90s to 3s** by caching preprocessed templates in memory, serving 15,000+ certificates.
- Built the backend for a portfolio proposal tool projecting SIP, STP and SWP returns in Node.js and Postgres for web and mobile.
- Migrated the banner carousel from a legacy Python service to Node.js, adding admin controls so staff manage banners without a deploy.

redSling

Software Developer

Remote

Sep 2024 – Jun 2025

- Built a Docker build pipeline with parallel container exports, cutting developer setup time by **80%**.
- Automated image and license key generation, removing 40% of manual release steps.
- Built a proxy to resolve CORS failures in FatZebra payments, cutting payment support tickets by **90%**.
- Reduced bundle size from **13 MB to 5 MB** with Terser, restoring performance on large client projects.
- Added a cron scheduler to the site builder so client scripts run on custom schedules without manual triggers.
- Triaged 10+ production incidents, cutting mean time to resolution by **50%**.

Basyo

Software Engineer

Remote

Apr 2024 – Jun 2024

- Delivered an MVP end to end in under **7 weeks**, defining the core user flows and UI.
- Reached 100+ registrations in the first week after launch.

PROJECTS

Sayso | *Next.js, PostgreSQL, pgvector, Gemini API* | GitHub

Oct 2024 – Present

- Built an AI feedback platform that answers questions about form responses, citing the exact customer quotes behind each answer.
- Implemented **RAG** with hybrid vector and full-text search on **pgvector**, scaling to **10,000+ responses**.
- Designed a form engine with **15 field types**, custom themes and AI form generation from a one-line prompt.

SKILLS

Languages: JavaScript, TypeScript, Python, SQL

Backend: Node.js, Express.js, FastAPI, REST APIs, PostgreSQL, pgvector, MongoDB, DynamoDB

Frontend: React.js, Next.js, React Native, Tailwind CSS

Tools: Docker, AWS EC2, Nginx, Git, OpenAI API, Gemini API, MSG91

Domain: Mutual Funds (SIP, STP, SWP), PMS, BSE StAR MF, Order Reconciliation

EDUCATION

Netaji Subhas University of Technology

B.Tech in Electronics and Communication Engineering

New Delhi

Dec 2020 – May 2024