

AYUSH PAL

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SUMMARY

Self-taught **Full Stack Developer** skilled in **React, Next.js, TypeScript, Node.js, Figma**. I build end-to-end products independently, learn quickly, and focus on clean, scalable software. Currently strengthening backend fundamentals and exploring **AI-powered systems**.

SKILLS

Languages: JavaScript, TypeScript, Python

Frontend: React, Next.js, Tailwind CSS, shadcn/ui

Backend: Node.js, Express, REST APIs, Authentication (JWT, Cookies), Server Components

Databases: MongoDB, PostgreSQL, Prisma

State & Data: Redux, Zustand, TanStack Router, TanStack Query

AI & Realtime: Socket.io, LLM Integration (Gemini/Groq/OpenAI)

DevOps & Tools: Git, GitHub, Docker, GitHub Actions, Vercel, Netlify

Design: Figma, Responsive UI

PROJECTS

- **Prefyne – AI Prompt Refinement SaaS (Next.js, TypeScript, Tailwind CSS)** [🔗 live](#) [🔗 code](#)
 - Built a production-ready SaaS that refines raw user input into high-quality AI prompts with an iterative UX.
 - Implemented clean, minimal UI with real-time state handling, prompt re-refinement flow, and scalable frontend architecture.
- **NakliZon – Full-Stack E-commerce (MERN, Stripe)** [🔗 live](#) [🔗 code](#)
 - Built end-to-end e-commerce flows: auth, product CRUD, cart/checkout, role-based admin dashboards.
 - Integrated **Stripe** payments and refactored architecture to fix CORS/deployment issues and ship a stable production site.
- **ChotaLink – URL Shortener with Dashboard (MERN)** [🔗 live](#) [🔗 code](#)
 - Implemented full URL shortening system with custom aliases, authentication, and a persistent dashboard for managing past links.
 - Extended the base concept by adding analytics, saved history, and secure routing layers using Express and MongoDB.

ENGINEERING EXPERIENCE

Independent Full Stack Developer

2023 - Present

Built multiple production-ready apps end-to-end: backend APIs, DB modeling, auth, UI engineering, and deployments.

EDUCATION

JSS Academy of Technical Education, Noida <i>B.Tech in Electronics and Communication Engineering</i>	2022 – 2026
DAV Public School, Khadia <i>Intermediate (CBSE)</i>	2019 – 2021

COURSEWORK & CERTIFICATIONS

Computer Science Fundamentals: Data Structures & Algorithms, Operating Systems, DBMS, Computer Networks, OOP

Full Stack Development: MERN Stack (100xDevs), Front-End Engineering (Sheryians), Node.js Fundamentals (Procodrr)

AI & Engineering Tools: LLM Integration (Gemini, Groq, OpenAI), Prompt Engineering, REST API Design, Git/GitHub Workflow, CI/CD Concepts