

NISHANT PADHA

Software Engineer · Full-Stack Developer · Founder, NYX Digital

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SUMMARY

Final-year B.Tech Computer Science student and founder of NYX Digital, building full-stack web, SaaS, and desktop products for real clients — including NYX SYS, a desktop business management platform currently live for a salon client. Backed by two cybersecurity internships and a design/development background. Currently sharpening DSA and system design, looking for a Software/Product Engineering role.

SKILLS

- **Languages:** JavaScript, TypeScript, Python, Java, C, SQL, HTML/CSS
- **Frontend:** React, Next.js, Vite, Electron, Tailwind CSS, PWA, responsive/component-based UI
- **Backend:** Node.js, Express.js, REST APIs, authentication, role-based access control
- **Databases:** SQLite, PostgreSQL, Supabase
- **Deployment:** Netlify, Razorpay/UPI integration
- **Security:** Linux, Nmap, Netdiscover, John the Ripper, Hashdump, SEToolkit, recon & enumeration
- **Creative:** Photoshop, Illustrator, InDesign, Premiere Pro, After Effects, Lightroom, FL Studio
- **Other:** Chrome extension development, Telegram bot development, Shopify customization

EXPERIENCE

Founder & Full-Stack Developer — NYX Digital

2026 – Present

- Founded NYX Digital in 2026 as a digitization agency doing business websites, booking systems, WhatsApp integrations, and SaaS products for local clients.
- Designed and built NYX SYS from scratch — a desktop-first business management platform, currently deployed for a live salon client.
- Handle basically everything end to end: client calls, quoting, build, deployment, and support — plus setting the agency's pricing structure and service tiers based on what clients actually needed.

Cybersecurity Intern — Cyber Defence Intelligence, Chandigarh

Jul 2025 · 45 days

- Hands-on internship doing network reconnaissance, enumeration, and vulnerability scanning on Linux — Nmap, Netdiscover, Hashdump, John the Ripper, SEToolkit. First real exposure to offensive security workflows outside of self-study.

Cybersecurity Intern — Unified Mentor

5 Apr 2026 – 5 Jul 2026

- Built the Windows Registry Monitor project as part of this internship — tracks and logs registry changes for security monitoring purposes.
- Worked through additional cybersecurity research tasks alongside the main project.

PROJECTS

NYX SYS — Desktop Business Management Platform | Electron · React · TypeScript · SQLite · Express · Monorepo

- The biggest thing I've built. A desktop-first, offline-capable platform for running a small business day-to-day: owner dashboard, staff dashboard, role-based access, billing, inventory, appointments, customer records.
- Structured as a monorepo — separate apps for desktop, booking, and server, sharing a common package — so the booking site and the desktop app stay in sync without duplicating logic.
- Live and actively used by the client. Includes Northern Bloom, the client-facing booking website for the same salon — designed and shipped in 2–3 weeks.

Salon Management SaaS | Part of the NYX SYS ecosystem

- The SaaS layer on top of NYX SYS — counter billing, staff commission tracking, QR payments, WhatsApp receipts, peak-hour analytics, developer-level admin access. Planning a recurring subscription model (setup fee + monthly).

Shadow Recon | Linux · Python

- A recon toolkit I built for learning purposes — host discovery, scanning, credential auditing.

Windows Registry Monitor | Python

- Tracks and logs changes to the Windows registry. Built during the Unified Mentor internship, now on GitHub as a standalone project.

Gamolyzer (Telegram Game Bot) | Python · Public APIs

- A bot/aggregator that notifies users about free game giveaways, scraped and pulled from public APIs. Aimed at the Indian gaming audience.

EDUCATION

Bachelor of Technology, Computer Science Engineering — UIET Kathua

Expected Aug 2027

- Currently in 7th semester. Most of what I actually use day-to-day I picked up outside class — personal projects, freelancing, internships, and a lot of documentation-reading.

CERTIFICATIONS

- Cyber Security Consultant — CDI (2025) · Cybersecurity Intern — Unified Mentor (2026) · Deloitte Cyber Job Sim (2026) · NIELIT IoT