

Lakshay Choudhary

+91-96102-02227 — hi@unlux.dev — [LinkedIn](#) — [GitHub](#) — [Portfolio](#)

EXPERIENCE

- **Full Stack Developer**, The Joy Junction May 2025 – Current
 - Built a complete e-commerce platform from scratch using MedusaJS, integrating modular services for scalability and custom features.
 - Integrated **Algolia search** with product indexing, reducing search response times to under 200ms and improving product discoverability.
 - Implemented **Redis caching, event bus, and workflow engine**, enabling scalable async processing and cutting average API latency by 40%.
 - Configured **S3-backed file storage with secure uploads**, streamlining media management and improving content delivery speeds across the storefront.
 - Added **multi-provider authentication** (Google OAuth, custom Google, email-password), increasing login success rates and lowering onboarding friction.
 - Integrated **Razorpay payments with webhook-driven workflows**, automating order expiry/refunds and ensuring 99.9% reliable payment processing.
- **Backend Development Intern**, PrintSaathi Feb 2025 – Apr 2025
 - Migrated from MongoDB to PostgreSQL with **Prisma ORM**, enforcing strict schema validation.
 - Reduced API latency by 70% through **caching hot data** and optimizing SQL queries.
 - Built a Redis-backed **BullMQ** queue that processed over 10,000 async tasks and emails daily.
 - Refactored REST APIs, resulting in a 50% **reduction in error rates** and a 30% improvement in response times.

CERTIFICATIONS AND ACHIEVEMENTS

- **Azure Administrator Associate (AZ-104)**
Microsoft Certified — Issued: Apr 27, 2025 — Credential ID: DA8FC08EA9CBA32B — [verify](#)
- **Web3 Hackathon Winner**, Block se Block Web3 Hackathon by ICP Hub May 2025
Led a team of 4 to develop SoundPrint, a decentralized music streaming platform, selected as the winner among 200+ participants and awarded \$500. — [media](#)
- **Core Team Member**, Google Developer Student Club (GDSC), LPU 2022 – 2024
Organized 5 GDSC WoW events with over 500 attendees; mentored 20+ peers in Web Development and Linux.

PROJECTS

- **SoundPrint** — *React, TypeScript, Tailwind CSS, Spotify Web API, ICP, Internet Identity* Mar 2025
 - Built a decentralized application that generates unique waveforms from Spotify listening history and enables users to mint them as NFTs on the Internet Computer Protocol (ICP).
 - Integrated Spotify Web API to fetch and process listening data in real-time, and implemented Internet Identity for secure, passwordless authentication.
 - Designed and built a responsive frontend with React and Tailwind CSS, featuring interactive waveform visualization and NFT minting functionality; deployed on ICP's decentralized network at soundprint.icp0.io.
- **Video Transcoding Pipeline** — *Node.js, Docker, EC2, S3, SQS* — [repo](#) Nov 2024
 - Engineered a cost-efficient transcoding solution on EC2, reducing infrastructure spend by 60% compared to ECS.
 - Leveraged SQS and ECR for job orchestration; implemented dynamic FFmpeg presets for adaptive streaming.
 - Secured uploads with S3 presigned URLs and custom UI integration.

- **NixOS Configuration** — *Nix*, *GitHub Actions* — [repo](#) Mar 2024 – Present
 - Maintained a reproducible NixOS setup using flakes and Home Manager, reducing system configuration time by 90% through automation.
 - Configured Btrfs + Disko for snapshots and rollback; automated CI on builds.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, Bash, Python, C/C++, Nix
- **Frameworks & Tools:** Node.js, Express, Next.js, React, Prisma, BullMQ
- **DevOps & Cloud:** Docker, Kubernetes, GitHub Actions, CI/CD, AWS (EC2, S3, SQS, ECR), Vercel, Cloudflare
- **Other:** Linux Administration, Git, SSH, Postman, Termius

EDUCATION

- **Lovely Professional University**, Punjab Aug 2022 – May 2026
B.Tech in Computer Science and Engineering
- **Birla Modern High School**, Jaipur Apr 2022
Senior Secondary (HSC) and Secondary (SSC)