

DEEPANSHU POKHRIYAL

+91-7678368328 | deepanshupokhriyal07@gmail.com | linkedin.com/in/deepanshu-pokhriyal | github.com/Deepanshu-Z

EDUCATION

IGNOU

Master of Computer Applications (MCA)

Noida, UP

2024 – Present

GL Bajaj Institute of Management

Bachelor of Computer Applications (BCA)

Greater Noida, UP

2021 – 2024

EXPERIENCE

Sensationz Performing Arts

Full Stack Developer

September 2025 – Present

Rohini, India

- Mobile Development: Engineered 150+ RESTful APIs with Hono.js on a unified backend layer powering both the web platform and the companion mobile application, eliminating duplicate service logic across clients.
- Built and deployed a course-selling e-commerce platform on AWS EC2 serving 80K+ customer records, enabling online enrollment and end-to-end payment processing.
- Migrated the entire backend infrastructure from AWS Lambda to EC2, consolidating serverless functions into a single long-running service to remove cold starts and reduce operational cost.
- Reduced API response time by 81% (80ms to 15ms) via Redis server-side caching and AWS CloudFront CDN.
- Set up CI/CD pipelines with GitHub Actions to automate build, test, and deployment workflows across staging and production environments.

Navigate Skills

Website Developer

October 2024 – July 2025

Delhi, India

- Developed and maintained 4+ client websites using HTML, CSS, and JavaScript with mobile-responsive, cross-browser-compatible layouts.
- Integrated third-party services including maps and payment gateways; improved page load speed by 25% through asset optimization and lazy loading techniques.

PROJECTS

AI Lead Automation CRM | [🔗 Live](#) | Next.js, FastAPI, PostgreSQL, Redis, BullMQ, WhatsApp Cloud API, Razorpay

AI-Driven Multi-Channel Lead Automation Platform

- Architected a CRM using Next.js, FastAPI, PostgreSQL, Redis, and BullMQ automating 4 core workflows – lead screening, WhatsApp messaging, payment processing, and escalation management.
- Delivered role-based dashboards for agents and admins covering 5 modules: lead tracking, conversation history, payment monitoring, audit logs, and human-agent takeover.
- Integrated WhatsApp Cloud API and Razorpay payment links with queue-based background workers for follow-ups, inactivity triggers, and re-engagement sequences.

AI Website Generator | [Code](#) | [Live](#) | Next.js 15, TypeScript, PostgreSQL, Clerk, OpenRouter

AI-Powered Full-Stack Website Generation Platform

- Built an AI website generator using Next.js 15 App Router, React 19, and TypeScript; users generate complete websites from natural language prompts.
- Integrated OpenRouter LLM API with token-level streaming via SSE and ReadableStream for real-time AI-generated code output.
- Designed PostgreSQL schema (users, projects, frames, chats) with Drizzle ORM on Neon serverless; secured routes via Clerk auth and Next.js edge middleware.

TECHNICAL SKILLS

Languages : JavaScript, TypeScript, Python, C/C++, Java, HTML, CSS

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

Backend : Node.js, Express.js, FastAPI, Hono.js, BullMQ, AWS Lambda

Database / ORM : PostgreSQL, MongoDB, AWS RDS, Redis, Prisma, Drizzle ORM, Mongoose

Cloud & DevOps : AWS (EC2, S3, CloudFront, Lambda), Vercel, Docker, GitHub Actions, Cloudinary

AI Tools : Antigravity, Cursor, GitHub Copilot, Claude Code, v0, OpenRouter APIs