

KUMAR NALIN

New Delhi, India

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AI & Full-Stack Developer specializing in LLM systems, Next.js applications, and scalable AI workflows. Experienced building production-grade AI tools using LangGraph, Supabase, and TypeScript.

EXPERIENCE

Software Development Intern | Lexly.ai (Zangerrr.ai) | Remote (Astana, Kazakhstan)

February 2025–August 2025

- Developed and iterated AI-integrated frontend prototypes using Next.js, React, Tailwind CSS, and Gemini API to support feature experimentation, conversational workflows, and early-stage user testing.
- Collaborated with backend engineers to resolve 30+ issues across FastAPI, MongoDB, and PostgreSQL, improving application stability and end-to-end product reliability.

EDUCATION

University School of Automation and Robotics (USAR), Guru Gobind Indraprastha University | New Delhi, India

- B.Tech in Artificial Intelligence and Data Science | CGPA: 8.04/10 (September 2023- August 2027)

PROJECTS

Notovo.in— AI-Powered Notes Platform

- Built and deployed an EdTech platform for automated note generation and contextual document understanding, ranked #1 on Google Search for “Notovo,” with 190+ note generations during beta testing.
- Developed a LangGraph-based multi-agent AI workflow with streaming responses and optimized performance to 1.1s FCP and 48ms INP using Supabase.

Tech Stack: Next.js, Supabase, LangGraph, TypeScript, Vercel, Google OAuth

Code Sage — AI Codebase Audit System

- Built an AI-powered static analysis system for on vulnerability and bug detection, and technical debt auditing across large repositories using LangGraph-based multi-agent workflows and AST-driven repository indexing.
- Eliminated hallucinated code references through a structural validation engine verifying LLM outputs against real file coordinates with token-efficient deterministic chunk retrieval.

Tech Stack: Python, LangGraph, AST Parsing, Pydantic, Gemini API

Voyatri.in — Mood-Based Travel Discovery Platform

- Built a full-stack travel discovery platform with personalized mood-based recommendations, a TikTok-style vertical feed, and curated “Decks” for sharing itineraries.
- Reduced image storage costs by 80%+ through browser-side compression and optimized tag-based recommendation APIs to ~50ms latency.

Tech Stack: Next.js, React, Supabase, PostgreSQL, Tailwind CSS, Framer Motion, Vercel

TECHNICAL SKILLS

- **AI & Machine Learning:** Python, Natural Language Processing (NLP), LangChain, LangGraph, Google ADK, Docker, CI/CD, Git
- **Web Stack:** HTML5, CSS3, JavaScript/TypeScript, React, Next.js, Tailwind CSS, SQL, PostgreSQL, MongoDB, Redis, Node.js, REST APIs, DSA

POSITION OF RESPONSIBILITIES

ACTS USAR — Web Team Lead

Nov 2024 – Jan 2026

- Mentored 20+ peers in web development and DevOps through workshops and hands-on technical sessions.
- Led technical operations and coordination for a college tech fest with 300+ participants.