

LALIT GURJAR

B.Tech + M.Tech

Computer Science and Engineering

National Institute of Technology Patna

Patna, Bihar, India

+91-9257788715

lalitgurjar.dev@gmail.com

linkedin.com/in/lalitgurjar

github.com/lalit999999

lalitgurjar.in

SUMMARY

Gen AI Engineer and CSE student focused on Generative AI, AI agents, RAG, and automation. Seeking to build scalable AI-powered solutions using modern web technologies while growing expertise in LLMs, backend systems, and intelligent software engineering.

EDUCATION

• B.Tech + M.Tech, Computer Science and Engineering

2024 – 2029

National Institute of Technology, Patna

EXPERIENCE

• NITP Official Web Team [website]

March 2026 - August 2026

Full stack developer

Patna, Bihar

- Built and deployed full-stack web applications using Next.js, Node.js, and MySQL, serving 5000+ users with sub-200ms response times
- Optimized database queries and implemented Redis caching, reducing API response times by 35%
- Automated the build and release pipeline with GitHub Actions and Docker, cutting deployment time from 30 minutes to 5 minutes and removing manual release steps
- Collaborated with the web team through requirement scoping and code review to ship features end to end

PROJECTS

• Aniki SDK – Provider-Agnostic TypeScript SDK for Building AI Agents

Tech Stack: TypeScript, Node.js, Zod, Vitest, tsup, Next.js, NestJS, MongoDB, MDX, TailwindCSS

[Github](#) [Docs](#)

- Published an open-source TypeScript SDK for building AI agents across 9 decoupled, clean-architecture modules.
- Unified 6 LLM providers (OpenAI, Anthropic, Gemini, Groq, Ollama, OpenRouter) behind one fetch-based interface.
- Built a recursive tool-calling runtime with Zod-validated structured output, streaming, and pluggable middleware.
- Cut a working tool-enabled agent from 150+ lines of manual API orchestration to under 20, with Vitest coverage.

• Obsidian — Document-Grounded AI Research Assistant (RAG)

Tech Stack: Next.js 16, React 19, TypeScript, Prisma 7, PostgreSQL, Qdrant, Inngest, OpenAI Agent sdk, Gemini Vision, Cloudinary [Github](#) [Live](#)

- Built a RAG platform where users chat with an AI that answers only from their uploaded docs, with inline citations.
- Engineered an ingestion pipeline for 7 file formats (PDF, DOCX, images via Gemini OCR) across 5 Inngest jobs.
- Designed a multi-tenant Qdrant collection with payload indices and UUIDv5 point keys to cut query latency.
- Improved retrieval with HyDE query expansion and 0.3 cosine-similarity flooring; runtime-validated every citation.

• SuperAlien – AI-Powered Gmail & Calendar Productivity Platform

Tech Stack: Next.js, React, TypeScript, PostgreSQL, Prisma, OpenAI, Redis, Razorpay

[Github](#) [Live](#)

- Built an AI SaaS integrating Gmail and Google Calendar over OAuth 2.0 with webhook-driven realtime sync.
- Structured the backend as a layered Controller-Service-Repository architecture on Prisma and PostgreSQL.
- Shipped an AI email summarization engine (OpenAI, OpenRouter) with an MCP adapter and per-user rate limiting.
- Integrated Clerk authentication, Redis caching, and Razorpay billing into the production SaaS stack.

• HelloClaw – AI-Powered CLI & Task Automation Tool

Tech Stack: TypeScript, Node.js, OpenRouter API, Commander.js, Zod, Telegraf, Firecrawl

[Github](#)

- Built an AI-powered CLI that breaks down and executes local project workflows via the OpenRouter API.
- Designed an interactive execution engine using Commander.js with Zod-validated tool schemas.
- Enforced a strict user-approval workflow before any file system modification or shell command execution.
- Extended it into a dual CLI and Telegram bot interface with Firecrawl web-scraping pipelines.

SKILLS

- **AI & Automation workflows** : LLM API integration (Anthropic Claude, OpenAI, Gemini, Ollama, OpenRouter), AI agents & recursive tool calling, prompt engineering, structured output (Zod / JSON Schema), RAG, streaming, Claude Code, Langchain, background workflow
- **Programming Languages** : TypeScript, JavaScript, Python, C++, SQL
- **Frameworks** : Next.js, React, Express.js
- **Backend & Infrastructure** : Node.js, REST APIs, webhooks, OAuth 2.0, WebSockets, rate limiting, Redis caching, system design, Inngest
- **Databases** : PostgreSQL, MySQL, MongoDB, Redis, Vector Databases(Qdrant), Prisma
- **DevOps** : Docker, GitHub Actions, CI/CD, AWS Deployments Aws S3
- **Tools** : Git, Linux, Postman
- **Competitive Programming** : 250+ LeetCode problems solved; 1300+ contest rating

CERTIFICATIONS

• Oracle , OCI AI Foundations Associate (2025)	<i>Issued Sep 2025</i>
• Amazon , AWS Cloud Quest: Cloud Practitioner - Training Badge	<i>Issued April 2026</i>
• AWS Educate , Introduction to Cloud 101 - Training Badge	<i>Issued Sep 2026</i>
• AWS Educate , Introduction to Generative AI - Training Badge	<i>Issued Sep 2026</i>
• AWS Educate , Machine Learning Foundations - Training Badge	<i>Issued Sep 2026</i>