

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

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 , workflow automation

EDUCATION

- B.Tech + M.Tech, Computer Science and Engineering**
National Institute of Technology, Patna

2024 – 2029
CGPA: 6.81

EXPERIENCE

- NITP Official Web Team [website]**
Full stack developer

Mar 2026 - Present
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](#)
- Built and published an open-source TypeScript SDK for AI agents, organized into 9 decoupled modules (Agent, Runner, Provider, Tool, Session, Middleware) under strict OOP and clean-architecture principles.
 - Engineered a provider abstraction layer on native fetch that unifies 6 LLM providers (OpenAI, Anthropic, Gemini, Groq, Ollama, OpenRouter) behind a single interface, removing vendor SDK lock-in and reducing model switching to a one-line config change.
 - Implemented a recursive tool-calling runtime with Zod-validated structured output, streaming, and pluggable middleware, cutting the setup for a working tool-enabled agent from 150+ lines of manual API orchestration to under 20.
 - Shipped with Vitest test coverage and an MDX documentation site, designed to degrade gracefully on provider errors and malformed model output.
- SuperAlien – AI-Powered Gmail & Calendar Productivity Platform**
Tech Stack: Next.js, React, TypeScript, PostgreSQL, Prisma, OpenAI, Redis, Razorpay

[Github](#) [Live](#)
- Designed and built a full-stack AI SaaS platform (Next.js, TypeScript, PostgreSQL, Prisma, OpenAI) integrating Gmail and Google Calendar via OAuth 2.0, with a webhook-driven realtime sync pipeline and a layered Controller-Service-Repository architecture.
 - Engineered an AI email summarization engine (OpenAI, OpenRouter) with an MCP adapter, reducing average processing time by 30%; added per-user rate limiting to protect API quota.
 - Integrated 4 third-party services (OAuth 2.0, Clerk, Redis, Razorpay) into a scalable SaaS architecture for secure user authentication and billing.
- HelloClaw – AI-Powered CLI & Task Automation Tool**
Tech Stack: TypeScript, Node.js, OpenRouter API, Commander.js, Zod, Telegraf, Firecrawl

[Github](#)
- Automated complex local project workflows with an AI-powered CLI (TypeScript, Node.js), integrating the OpenRouter API for intelligent task breakdown and execution.
 - Designed a secure, interactive execution engine using Commander.js and Zod for schema validation, implementing a strict user-approval workflow for safe file system modifications and shell command execution.
 - Extended the tool into a dual-interface modular system supporting both CLI and remote Telegram Bot interactions via Telegraf, featuring automated web scraping pipelines (Firecrawl) for dynamic data retrieval.

SKILLS

- **AI & Automation :** 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, workflow automation
- **Programming Languages :** TypeScript, JavaScript, Python, C++, SQL
- **Frameworks :** Next.js, React, Express.js, NestJS
- **Backend & Infrastructure :** Node.js, REST APIs, webhooks, OAuth 2.0, WebSockets, rate limiting, Redis caching, system design

- **Databases** : PostgreSQL, MySQL, MongoDB, Redis, Vector Databases
- **DevOps** : Docker, GitHub Actions, CI/CD, Nginx, Cloud Deployments
- **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> |