# NITISH KUMAR SINGH

AI Engineer · Agentic AI & RAG Systems

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## LINKS

**Portfolio**
nitish-portfolio-bice-three.vercel.app

**LinkedIn**
linkedin.com/in/nitish-ai-engineer

**GitHub**
github.com/Cod4Nitish

## SKILLS

**AI systems**
AI agents · Multi-agent systems · RAG pipelines · LangChain · LangGraph · OpenAI API · Google Gemini API · Claude

**Languages**
Python · TypeScript · JavaScript · Java · SQL · C# · C++

**Backend**
Node.js · Express.js · NestJS · FastAPI · Spring Boot · REST APIs · Microservices foundations

**Databases**
PostgreSQL · Supabase · MongoDB · MySQL · ChromaDB (vector)

**Frontend**
React.js · Next.js · HTML5 · CSS3 · Tailwind CSS · Responsive web design

**Delivery**
Git · GitHub · Vercel · GitHub Actions · CI/CD fundamentals · Docker fundamentals

**Security**
JWT · Spring Security · Authentication

**Core CS**
Data Structures & Algorithms · OOPs · DBMS · Operating Systems · Computer Networks

## EDUCATION

**B.Tech, Computer Science & Engineering (Artificial Intelligence) · CGPA: 7.5**
Noida Institute of Engineering and Technology (NIET), Greater Noida (AKTU)
Aug 2024 – Sept 2027

**Diploma in Electrical Engineering**
Government Polytechnic, Garhwa, Jharkhand (JUT, Ranchi)
2021 – 2023

## CERTIFICATIONS

**Certificate of Accomplishment**
HackerRank

**SQL (Intermediate) Certification**
HackerRank

**Prompt to Product: The AI Feature Blueprint**
Shri Ram College of Commerce (SRCC)

**Certificate of Participation in Bytewars**
Department of Commerce, Delhi School of Economics, University of Delhi

**Hands-on Workshop of IGNITRON '25**
Maharaja Agrasen Institute of Technology, Delhi

## PROFILE

AI Engineer focused on agentic systems: multi-agent workflows, RAG pipelines, and the APIs and web apps around them. Currently an AI Agentic Intern with a private startup team, building multi-agent systems, AI automation, and microservice foundations designed to scale to 1,000+ users. Won three awards at Claude and Cerebras community events in Bhopal in 2026, and ships public products end to end with Python (FastAPI), TypeScript, Next.js, and LangGraph.

## EXPERIENCE

**AI Agentic Intern** · Private startup team
Jul 2026 – Present
- Building multi-agent systems and specialised AI agents for confidential company products.
- Developing production-ready RAG pipelines, AI automation, and API backends.
- Laying microservice foundations designed to scale to 1,000+ users.

## AWARDS

★ **Winner, Team GLITCH** — Claude Community Impact Lab, Bhopal (2026) · awarded Claude Pro / Max access
★ **₹11,000 prize** — Fable 5.1 Claude Community Build Day, Bhopal (2026) · built and presented in person
★ **Quiz Winner** — Cerebras Cafe Compute Meetup, Bhopal (Sep 2026) · 2,500 Cerebras credits and winner cup
★ **Participant** — Smart India Hackathon (SIH) 2025

## SELECTED PROJECTS

**ForgeMind** · AI software-engineer agent **Live | GitHub**
Next.js, TypeScript, LangGraph, LangChain, Claude, Vercel
- Built an AI software-engineer agent that triages GitHub issues and coordinates Jira and Slack work through Swytchcode, so important work does not get missed.
- Orchestrated the agent workflow with LangGraph and Claude in a Next.js + TypeScript app deployed on Vercel.

**MRStay AI** · Agentic real-estate platform
Next.js, NestJS, FastAPI, LangChain, ChromaDB, Gemini
- Multi-agent platform for lead qualification, property recommendations, customer support, and follow-up workflows.
- Property knowledge retrieval through a RAG pipeline (LangChain, ChromaDB, Gemini) served by NestJS and FastAPI services.

**Bhumi Help** · Bilingual civic-tech RAG assistant **Live**
Python, FastAPI, RAG, Claude
- Answers MP Bhumi Vikas Rules, 2012 questions in Hindi or English with the rule number, verified text, and the exact official PDF page.
- Declines instead of guessing when the rules do not cover a question; built with Team Nirmaan at Bhopal Impact Lab 2026 (Track 1).

**DropMorph** · Cross-platform file converter **Live | GitHub**
C#, .NET, Avalonia, GitHub Actions
- Shipped a free, offline drag-and-drop converter for 254 formats on Windows, macOS, and Linux (v1.12.0); nothing is uploaded.
- Automated CI and releases with installers, portable builds, and a checksum-verified one-command install script.

**CallbackCV** · AI résumé / ATS checker **Live**
TypeScript, LLM APIs
- AI résumé and ATS-review product for Indian freshers that turns a résumé into role-aware feedback and a clear next step.