

# Ashutosh Devgotra

Mukerian, Punjab 144211

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LinkedIn — GitHub — GrowWithGarry.in

## Summary

B.Tech Chemical Engineering student passionate about Generative AI, LLMs, and scalable automation. Experienced in developing and deploying full-stack AI platforms using cloud infrastructure and vector databases. Skilled in fine-tuning (LoRA, QLoRA, UnSloth), retrieval-augmented generation (RAG), and LangChain pipelines. Adept in DNS management, cloud deployment, and end-to-end digital systems.

## Skills

**AI/ML & LLMs:** LLaMA 3, LoRA, QLoRA, UnSloth, Ollama, LangChain, RAG, Chunking, Text Embeddings, Vector DBs, Fine-tuning, Hugging Face, TensorFlow, NLP, CNNs, RNNs, One-shot & Few-shot Prompting, Zero-shot Learning, Chain-of-Thought Prompting

**Languages & Frameworks:** Python, C, JavaScript, Django, FastAPI, Next.js, React.js, Tailwind CSS, HTML, CSS

**Databases:** PostgreSQL, MongoDB, Firebase, Supabase, FAISS , Redis

**Cloud & DevOps:** AWS, Google Cloud, Vercel, Netlify, Cloudflare (DNS/SSL Management)

**Tools & IDEs:** Jupyter Notebook, VS Code, Git, GitHub, Postman, Figma

## Work Experience

### XCEED – NIT Jalandhar (Diia Project) *Frontend Intern*

*Jan 2024 – Jun 2024* [\(Live Link\)](#)

- Contributed to the International Affairs Website using HTML, Tailwind CSS, and JavaScript.
- Implemented responsive UI/UX components and managed GitHub workflows & deployments.
- Received Certificate of Excellence from Dean and Director of NIT Jalandhar.

## Project Work

### NyayDwar – Legal AI Platform

*2024 – Present*

nyayadwar.growwithgarry.in

- Built a legal-domain LLM system powered by LLaMA 3 & LangChain.
- Implemented chunking + vector retrieval across 170+ Indian legal documents.
- Fine-tuned using LoRA/QLoRA for domain specialization; under MoU discussion with Supreme Court of India.

### GrowWithGarry – AI Automation Platform

*2024*

growwithgarry.in

- Developed a Next.js + Firebase SaaS platform offering AI automation and workflow solutions.
- Integrated Razorpay & LangChain modules for dynamic automation tools.
- Deployed on Vercel & Cloudflare with optimized SEO and analytics.

## Education

### Dr. B.R. Ambedkar National Institute of Technology (NIT), Jalandhar

*2022 – 2026*

B.Tech in Chemical Engineering

### Dasmesh Public School, Mukerian – Class 12 (Non-Medical)

*2021*

Scored 80.4%

### Dasmesh Public School, Mukerian – Class 10

*2019*

Scored 89.4%; 100/100 in Computer Science (CBSE Board Exams)

## Awards & Certificates

- Oracle Cloud Infrastructure AI Foundations Associate – Verify Certificate
- Essential React Training
- Diia Internship Certificate – NIT Jalandhar