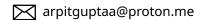
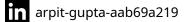
# **Arpit Gupta**









# **OBJECTIVE**

Computer Science Engineering student with strong experience in AI automation, analytics, and scalable systems. Passionate about applying technical and problem-solving skills to strategy, operations, and business growth initiatives.

## **SKILLS**

- AI & Automation: Retrieval-Augmented Generation (RAG), LLMs (AI21, ChatGPT, Claude), AI-driven Workflow Automation (LangChain), Prompt Engineering
- Data & Insights: SQL, Data Analysis & Insight Generation (structuring unstructured data, JSON outputs, semantic search)
- Cloud & DevOps: GCP, Docker, CI/CD (Coolify), Linux, Git
- Programming: Python, Bash, C/C++

## **WORK EXPERIENCE**

IGT Solutions, Gurgaon, Haryana - Intern (Trainee Program)

#### May 2025 - July 2025

- Built AI-driven automation workflows to improve data accessibility and team productivity.
- Designed and deployed RAG chatbot prototypes to support decision-making and knowledge retrieval.
- · Collaborated with cross-functional teams to integrate AI solutions into operational workflows.

# **PROJECTS**

### Chatty | github.com/nightmare-tech/chatty

- Developed an AI-powered chatbot for knowledge retrieval and business intelligence from custom sources (PDFs, TXT, MD).
- Integrated vector search + JWT authentication for secure access and reliable insights.
  Tech: Python, FastAPI, MongoDB, AI21 LLM

## ClauseCompass | github.com/nightmare-tech/ClauseCompass

- Automated contract and policy analysis, extracting structured insights from unstructured legal documents.
- Built dual-mode RAG system for scalable document analysis, supporting business strategy and compliance. **Tech:** Python, FastAPI, MongoDB Atlas, LangChain, LLMs

#### **Leafman** | github.com/nightmare-tech/leafman

- Built a full-stack leave management system to improve team productivity and HR operations efficiency.
- Secured endpoints with JWT; managed PostgreSQL migrations with Alembic.
- Automated deployment with Docker + CI/CD via Coolify.
- Tech: Python, FastAPI, PostgreSQL, SQLAlchemy, Docker, Alembic, JWT, Coolify

#### PWD\_Vault | github.com/nightmare-tech/PWD\_Vault

- Designed a CLI password manager with PBKDF2 & SHA-256 encryption
- Master authentication for secure personal data use.
- Prioritized usability while ensuring strong cryptography practices.

Tech: Python, Bash, Cryptography

## **EDUCATION**

VIT Bhopal University, Madhya Pradesh, India
 B.Tech, Computer Science Engineering (Sep 2022 – Aug 2026)

#### CERTIFICATES

An Introduction to Artificial Intelligence, NPTEL | May 2024