# Ashish Gupta CV

## Ashish Gupta [Github](#) || [LinkedIn](#) || [Email](#) || [Portfolio](#) || [Linktree](#) ||

+91 8303511792 | Greater Noida, India | [LinkedIn](#) | [GitHub](#) | [Portfolio](#) |
B.Tech in Computer Science (Cybersecurity Specialization), NIET Greater Noida |
Python | PyTorch | LLMs | Generative AI

## TECHNICAL SKILLS

- **Languages:** Python, JavaScript, HTML, CSS, C .
- **Frameworks/Tools:** PyTorch, TensorFlow (basics), Hugging Face Transformers, LangChain, OpenAI API, LlamaIndex .
- **Concepts:** LLMs, Prompt Engineering, Overfitting, Evaluation Metrics
- **Other:** Git, GitHub, Tkinter, VS Code

## PROJECTS

**Poppit-AI** — fine-tuned **Google Gemma 2B language model**
**Description:** Poppit-AI is a **production-ready conversational AI application** that combines an optimized language model with a modern web interface and a scalable API backend. It leverages local model inference and efficient model adapters to deliver fast, customizable chatbot experiences.

**Key Highlights:**

- **Built using FastAPI** — High-performance asynchronous backend providing a REST API for chat interactions.
- **AI Model Integration** — Uses Google Gemma 2B fine-tuned with QLoRA for efficient memory usage and high-quality responses.
- **Responsive Chat Interface** — Modern ChatGPT-style web UI with features like multi-session support, dark/light themes, voice input, and history search.
- **Local Inference & Custom Training** — Supports training on custom instruction-response datasets and running locally without third-party API costs.
- **Full End-to-End Stack** — Combines backend, frontend, AI, and data management into a cohesive user experience.

**Technologies:** Python, FastAPI, PyTorch, Hugging Face Transformers, QLoRA, Vanilla JavaScript, HTML5/CSS3, BitsAndBytes quantization.

## EXPERIENCE

**N/A (FRESHER).**

## EDUCATION

**B.Tech – Computer Science (Cybersecurity Specialization)**
Noida Institute of Engineering and Technology, Greater Noida
*2024 – 2028 .*