Gagan Sai Eashwar

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# Skills

**Languages:** C++, C, Java, Python

**Tools/Platforms:** MySQL, Linux, Flask, PyTorch, Django, TensorFlow, Git, HTML/CSS

**Soft Skills:** Problem-Solving, Adaptability, Leadership, Quick Learning

# Training

**Training in Cyber Security and Ethical Hacking** Jun’24 – Jul’24 Board Infinity

* + Completed intensive training in Cyber Security and Ethical Hacking at Board Infinity.
  + Developed proficiency in penetration testing, vulnerability assessment, and exploit techniques through hands-on projects and practice sessions.
  + Worked with tools like Metasploit, Nmap, and Burp Suite for network and web application security.

# Projects

**AI Chatbot** Apr’25 – May’25

* Developed a Python-based AI chatbot using Hugging Face’s Transformers and Microsoft’s DialoGPT-small for natural language conversations.
* Managed tokenizer and model loading, user input encoding, and response generation using PyTorch and pretrained models.
* Implemented contextual response generation with maintained chat history to simulate human-like interaction in a command-line interface.
* Gained practical experience in NLP-based interaction, model inference, and dependency management within a Python environment.

**SQL Injection Vulnerability Scanner** Jun’24 – Jul’24

* Created a script that scans web applications for SQL injection vulnerabilities by testing input fields with common SQL payloads.
* Implemented payload-based attack simulation to test for blind, error-based, and time-based SQL injection techniques.
* Enhanced security through access restrictions, encrypted log files, and timestamp logging for activity monitoring.

# Certificates

Responsible and Safe AI Systems | NPTEL Nov’24

Introduction to Cybersecurity Essentials | Coursera Apr’24

Leadership Communication for maximum impact | Coursera Mar’23

Understanding cloud fundamentals | LinkedIn Feb’23

HTML, CSS | CipherSchools Dec’22

Python | CipherSchools Dec’22

# Education

**Lovely Professional University Since Sep’22**

*Bachelor of Technology - Computer Science and Engineering;* ***CGPA: 7.73*** *Phagwara, Punjab*

**Narayana Junior College Jun’21 – May’22**

*Intermediate;* ***Percentage: 92%*** *Hyderabad, Telangana*

**Narayana E-Techno School Apr’19 – Apr’20**

*Matriculation;* ***Percentage: 99%*** *Hyderabad, Telangana*