

Soujanya K

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Bengaluru, Karnataka

PROFILE

Computer Science undergraduate specializing in Cybersecurity with hands-on experience building a Generative AI application using Python and OpenAI APIs. Actively building foundational knowledge in machine learning and data science, with interest in developing practical, AI-driven systems.

TECHNICAL SKILLS

Tools: OpenAI API, Replicate API, Jupyter Notebook, Github

Languages: Python, JavaScript (basic)

Exposure: Generative AI application development, Prompt engineering, API integration, Foundational machine learning concepts

PROJECTS

Story & Comic Book Generator

- Built a Generative AI application that creates a title, five-chapter story and AI-generated images from minimal user input.
- Designed prompt-based workflows using OpenAI APIs and integrated text and image generation.
- Implemented a complete AI workflow from user input to text and image generation using API-based models.

1st Place - Model Presentation (College Level)

Multi-media Steganography Tool

- Developed a Python tool to embed and extract hidden data in image and audio files using the LSB technique.
- Focused on data confidentiality and secure communication.

Keylogger and Anti-Keylogger software

- Built a Python-based keylogger to study keystroke interception techniques.
 - Implemented a basic anti-keylogger to detect and stop unauthorized input capture.
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AWARDS AND CERTIFICATIONS

Cryptography and Network Security Certification - NPTEL (May, 2025)

EDUCATION

BE IN CSE - CYBER SECURITY

Sri Venkateshwara College of Engineering, 2022-2026

CGPA: **8.13**

SECONDARY SCHOOL

Jawahar Navodaya Vidyalaya, 2015-2022

XII Percentage: **84.0** X Percentage: **86.6**