

Bonam Tarun

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EDUCATION

Aditya Engineering College, Surampalem

2022-2026

Computer Science and Engineering

CGPA: 7.86*/10

INTERNSHIP EXPERIENCE

Cyber Security, ExcelR

May 2024- Jul 2024

- I gained hands-on experience in security protocols and risk assessment while working independently on cybersecurity tasks, enhancing my problem-solving and analytical skills. Additionally, I earned a cybersecurity certification, demonstrating my proficiency in security best practices and threat mitigation.

SKILLS

Languages: C(basic), Python, HTML, CSS, Javascript.

Database: My SQL.

Tools: Power Bi

PROJECTS

Phishing URL Detector

Aug 2024

- Phishing URL Detection System** - Developed a system that analyzes URLs for phishing characteristics, including IP addresses, URL length, suspicious characters, and risky domain extensions.
- Enhanced Detection Beyond Blacklists** - Traditional blacklist-based methods are insufficient due to evolving phishing tactics. My approach detects threats proactively, improving cybersecurity.
- Technology Stack** - Built using Python, HTML, CSS, and JavaScript to enhance safe and secure browsing by mitigating phishing risks.

Smart AI Mate (S.A.M)- A Voice-Activated AI Assistant

Feb 2025

- Developed "Smart AI Mate (SAM)"** - A Voice-Activated AI Assistant using Python, integrating Google Gemini AI for natural language processing, speech recognition (SpeechRecognition), and text-to-speech (pyttsx3) to facilitate seamless user interaction.
- Built a GUI-based Chat Interface** using Tkinter, enabling real-time conversations with the assistant, including web browsing automation and personalized responses based on user queries.
- Implemented Multi-Threaded Speech Processing**, ensuring efficient command execution and responsiveness, with support for hands-free operation and intelligent conversation handling.
- Designed "SAM" (Smart AI Mate) as a Friendly and Intelligent Voice Assistant**, providing a seamless user experience by understanding speech commands, responding naturally, and automating common tasks.

Flipkart DataView

March 2025

- Developed an Interactive Sales Dashboard in Power BI**, leveraging data visualization techniques to analyze Flipkart's sales trends, product performance, and payment methods.

- **Implemented Advanced Data Analytics & Visualization** using Power BI, providing insights into regional sales distribution, customer payment preferences, and top-selling product categories to drive business decisions.
- **Designed a User-Friendly, Dynamic Dashboard** with interactive charts, graphs, and geographic maps, displaying key business metrics such as total sales, average ratings, and quantity sold for quick decision-making.

CERTIFICATIONS

- **Hackerrank:** sql (basic)
- **Infosys:** Dbms, Computer Networks, Java.
- **Google cloud:** prompt design in vertex ai (skill badge)
- **Cisco Networking Academy:** c++, Linux
- **Simplilearn:** Power Bi

HONORS & AWARDS

- I was honored with the **NCC 'A' Certificate** in 2020.
- **Anchored the National Youth Fest "Colours" at Aditya University**, a prestigious event conducted after 9 years, showcasing excellent public speaking, event management, and leadership skills.