

# DANA SANDEEP SIVARAM VEGI

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## SUMMARY

Seeking an AI Engineering role to leverage expertise in machine learning and data analysis to drive innovative solutions and improvements.

## INTERNSHIPS

### Python Developer Internship

Edyst, Remote — June 2022 – July 2022

- Successfully completed an internship program at Edyst, focusing on developing a Password Generator using Python. This project involved:
  - Writing clean, efficient, and maintainable code to generate secure passwords.
  - Implementing algorithms to ensure the generated passwords met security standards.
  - Collaborating with the Edyst team to refine and optimize the password generation process.
  - Gaining a deeper understanding of Python programming and software development best practices.

### Web Development Internship

Bharath Intern, Remote — Dec 2024 – Feb 2025

- Developed a personal portfolio showcasing my skills, projects, and achievements in web development.
- Created a functional Netflix clone, implementing key features such as user authentication, content browsing, and video playback.

## PROJECTS

### Password Generator

**Overview:** Developed a robust and secure password generator as part of an internship program provided by Edyst. The project aimed to create a tool that generates strong, random passwords to enhance user security and protect against unauthorized access.

#### Responsibilities:

- Design and Implementation:** Created a user-friendly interface for the password generator and implemented the backend logic using Python.
- Security Standards:** Ensured the generated passwords adhered to high security standards, incorporating criteria for length, complexity, and randomness.
- Code Quality:** Wrote clean, efficient, and maintainable code, following best practices for software development.
- Collaboration:** Worked closely with the Edyst team to refine and optimize the password generation process, enhancing both functionality and user experience.
- Testing and Debugging:** Conducted thorough testing to identify and fix any issues, ensuring the tool's reliability and performance.
- Documentation:** Created detailed documentation to assist users and developers in understanding the tool's features and usage.

## EDUCATION

**Bachelor of Engineering (CAI)** – Kakinada Institute of Engineering and Technology, Yanam Road, Kakinada

**CGPA:** 7.4 (Pursuing) — **Duration:** 2021 – 2025

**Intermediate (MPC)** – Sri Chaitanya Junior College, Palakollu

**CGPA:** 7.5 — **Duration:** 2019 – 2021

**SSC** – Z.P. High School, Lankalakoderu

**CGPA:** 8.5 — **Duration:** 2018 – 2019

## TECHNICAL SKILLS

### Programming:

- Advanced: C/C++
- Intermediate:  
Java, Python, SQL

### Frameworks:

- Django, Flask

### Technologies:

- HTML, CSS.

### Tools:

- GIT, VS Code, Google Colab, Jupyter Notebook

## CERTIFICATIONS

- Machine Learning with GO – By Infosys Springboard
- Python Development(Flask) – By IIIT Hyderabad
- Artificial Intelligence Fundamentals –By IBM Skillbuild
- Data Fundamentals – By IBM Skillbuild
- Cyber Security Fundamentals – By AICTE (Paloalto)
- Ethical Hacking – By AICTE (EduSkills)

## Work Samples

- [GitHub Profile](#)
- [LinkedIn Profile](#)

## LANGUAGES

- English:** Full Professional Proficiency
- Telugu:** Native or Bilingual Proficiency