SINDHUJA VENDIKANTHAM

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EDUCATION

Jawaharlal Nehru Technological University Anantapur,AP   Oct 2022- April 2025
Bachelor of Computer Science and Engineering   *CGPA:8.59*

S. V. Government Polytechnic, Tirupati   Jun 2019-Apr 2022
Diploma in Computer Engineering   *Percentage: 92*

OBJECTIVE

Looking for an exciting and dynamic role where I can utilize my skills and experience to drive tangible results. Passionate about joining an organization that fosters a culture of innovation, continuous learning and personal growth.

EXPERIENCE

Python Intern   May 2024-Jul 2024
Slashmark startup   *Remote*

- Developed basic projects using Python like password generator and number guessing game
- Learnt about the packages and modules and how to use them.
- Develop and execute Python scripts and functions to perform various data analysis tasks.

PROJECTS

Portfolio Website | *HTML,CSS,JavaScript*

- Designed and developed a responsive personal portfolio website using HTML, CSS, and JavaScript to showcase skills and projects.
- Integrated dynamic project preview using iframe to display live outputs of web applications directly on the site.
- Implemented clean navigation and user-friendly layout, ensuring smooth access to About, Education, Skills, Projects, and Contact sections.

Text Compression Tool—Python, Huffman Coding, Priority Queues   Aug 2023 – Dec 2023

- Efficient Compression Using Variable-Length Encoding
- Lossless Compression with Accurate Decompression
- Huffman encoding is used in **ZIP file compression, JPEG image encoding, MP3 audio compression, and text file reduction**.

TECHNICAL SKILLS

Languages : Python(Intermediate), C(Intermediate), Java(Basics), SQL(Basics), HTML, CSS, JavaScript.
CS Fundamentals: Operating System, DBMS, Computer Networks, Object Oriented Programming
Developer Tools: VS Code, Jupyter Notebook
Libraries: Pandas, NumPy
Data Structures and algorithms: Arrays, Strings, Math, Searching and Sorting

Other Skills: Effective Communication, Team work, Adaptability, Problem Solving

CERTIFICATIONS

- Certificate in Python from Slashmark.
- Certificate in Cloud Computing from NPTEL.
- Certificate in Introduction to HTML, CSS , JavaScript from IBM.
- Certificate in Introduction to Networks from CISCO Networking Academy.