

Sree Vidya Patamsetti

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EDUCATION

GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING

B.TECH IN COMPUTER SCIENCE

2021-2025

GPA: 9.12/10

ADITYA JUNIOR COLLEGE

INTERMEDIATE IN MPC

Grad. April 2021 | Percentage: 97.3

COURSEWORK

ONLINE CERTIFICATIONS

Google Cybersecurity Specialization Certificate

UNDERGRADUATE

Programming and Data Structures

Object Oriented Programming

DataBase Management Systems

Computer Networks

Operating Systems

SKILLS

LANGUAGES

C/C++ • Python • JavaScript • SQL •

HTML/CSS

LIBRARIES

NumPy • Pandas • PyTorch

DEVELOPER TOOLS

Linux • Git • GitHub • Jupyter Notebook

• VS Code

FAMILIAR WITH

MERN Stack • Machine Learning • Deep

Learning

DATABASE

MySQL

ACHIEVEMENTS

Selected for **Flipkart GWC 5.0**, ranking among top 200 out of 4.7 lakh participants Nation-Wide

LINKS

Github:// [sreevidya-16](#)

LinkedIn:// [sreevidya-16](#)

LeetCode:// [sreevidyapatamsetti](#)

HackeRank:// [sreevidya7](#)

EXPERIENCE

CISCO AICTE VIRTUAL INTERNSHIP PROGRAM | INTERN

May 2023 - July 2023 | India

- I conducted a thorough analysis of a university campus network, using **Cisco Packet Tracer** to map its infrastructure and identify vulnerabilities through attack surface mapping.
- To enhance security, I implemented measures such as VLANs, IDP/IPS, VPNs, firewalls, and improved password and vulnerability management

GIRL SCRIPT SUMMER OF CODE | CONTRIBUTOR

May 2024 - July 2024 | India

- Worked as Open Source Contributor
- Contributed to diverse projects spanning **Machine learning and Web development** including implementing NLP features, enhancing user interfaces, and optimizing codebases.
- Participated in improving various repositories by submitting multiple pull requests, addressing bugs, adding new features, and enhancing overall project functionality across different domains.

PROJECTS

TEXT COMPRESSOR | HTML, CSS, JAVASCRIPT

Link

- Developed Lossless data compression and decompression of text(.txt) files using Huffman Algorithm.
- Designed a responsive and interactive website using HTML, CSS, and JavaScript, including an informative page about the Huffman coding technique to enhance user understanding of lossless data compression.

FACIAL EXPRESSION RECOGNITION WITH PYTORCH | DEEP LEARNING, NEURAL NETWORKS, PYTHON

Link

- Trained neural networks and successfully created a model capable of accurately identifying and classifying facial expressions, showcasing my proficiency in deep learning and Python.

CHAT APPLICATION | NODE.JS, SOCKET.IO

Link

- Developed Real-time chat application built using Node.js and Socket.IO.
- Ensured reliable performance and seamless user experience through efficient server-side management and interactive frontend.

STOCK PRICE PREDICTION USING PROPHET | ML, DATAVIZ

Link

- By analyzing historical data and utilizing the power of Prophet, developed a model that could provide valuable insights and forecasts for stock performance.