Neyyala Harshavardhan

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Professional Summary

- Results-driven Computer Science undergraduate specializing in AI & ML, with hands-on experience in frontend development, machine learning pipelines, and cloud technologies. Proven track record of optimizing systems and delivering scalable solutions in remote internship settings.

Education

- **Aditya College of Engineering and Technology, Surampalem** — Nov 2021 – Jul 2025
  B.Tech in Computer Science and Engineering (AI & ML) — CGPA: 7.35 / 10

- **Sri Vasavi Junior College** — Jun 2019 – Apr 2021
  Intermediate (MPC) — 82.7%

- **Narayana E.M School** — 2018 – 2019
  Class X (SSC) — GPA: 9.8 / 10

Internships

- **Frontend Developer – UniStack / Hydro Tribe** — Jun 2023 – Aug 2023
  Remote Internship
- Developed responsive UI components using HTML, CSS, and JavaScript frameworks to improve user engagement.
- Optimized web page load speeds by 20% through code refactoring and asset optimization.
- Collaborated with design and backend teams to implement RESTful API integrations ensuring seamless data flow.

- **Artificial Intelligence Intern – SkillDzire** — Mar 2023 – May 2023
  Remote Internship
- Designed and implemented AI models to analyze large datasets, improving classification accuracy on benchmark datasets by 10%.
- Fine-tuned pre-trained deep learning models using transfer learning to enhance predictive performance.
- Generated data visualizations and reports to communicate insights to stakeholders effectively.

- **Machine Learning Intern – SkillDzire** — Jan 2023 – Mar 2023
  Remote Internship
- Built scalable machine learning pipelines for data preprocessing, feature engineering, and model training using Python.
- Reduced prediction error rates by 15% through hyperparameter tuning and model evaluation techniques.
- Implemented automated testing frameworks to validate model accuracy and robustness before deployment.

Projects

- **Suicidal Content Detection System**
  Python, Flask, PyTorch, Scikit-learn, HTML, CSS
- Developed a hybrid machine learning model combining NLP techniques and sentiment analysis to detect suicidal and harmful content with 85% accuracy.
- Built REST API using Flask to integrate the model with a frontend web application for real-time content monitoring.
- Performed data cleaning, augmentation, and labeling on social media datasets to improve model robustness.
- Deployed the application on a cloud platform for scalable and accessible usage by mental health organizations.

CERTIFICATIONS

- **AWS Certified Cloud Practitioner** — Jul 2023 – Apr 2024
  Amazon Web Services   Gained foundational knowledge of AWS Cloud infrastructure, services, and best practices.

- **Programming Essentials in Python** — 2022
  Cisco Networking Academy   Learned fundamental Python programming concepts including data structures, functions, and file handling.

- **Programming Essentials in C** — 2022
  Cisco Networking Academy Covered basics of C programming language, pointers, and memory management.

- **Leadership Program – Aap Badho Desh Ko Badhao** — Apr 2022
  Lead India Foundation   Developed leadership, communication, and teamwork skills through workshops and projects.

TECHNICAL SKILLS

Languages: Python, C, Java, C++ (Basic)

Web Technologies: HTML, CSS, JavaScript

Frameworks & Libraries: Flask, PyTorch, Scikit-learn

Tools: VS Code, Jupyter Notebook, Git, Docker

Cloud: AWS Certified Cloud Practitioner

Soft Skills: Communication, Leadership, Teamwork

LEARNING & GROWTH

- Participated in AI & ML workshops by SkillDzire; attended cloud computing webinars; completed Coursera and Udemy courses.

- Active member of college coding and AI clubs, regularly contributing to hackathons.

HOBBIES

- Reading, Movies, Music, Cricket, and Chess – enhance creativity, cultural awareness, relaxation, and strategic thinking.