

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 Story Books – Enhances creativity and empathy.
- Watching Movies – Improves cultural awareness and storytelling appreciation.
- Listening to Music – Helps relax and maintain focus.
- Playing Cricket – Builds team spirit and physical endurance.
- Playing Chess – Sharpens strategic thinking and concentration.