

Nallala Mohana Lakshmi

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Objective

Seeking an entry-level position in a dynamic firm that values my technical and analytical skills and provides scope for updating my knowledge, and allows me to leverage my problem-solving abilities and passion for technology.

Education

Bachelor of Technology, Sagi Ramakrishnam Raju Engineering College
Computer Science and Engineering with Honors Degree in Data Engineering

Expected: 2025

C.G.P.A: 9.30/10.0 (upto 6th Sem)

Intermediate, Aditya junior College

Mathematics, Physics, Chemistry

Period: 2019-2021

Percentage: 97.5

Secondary School Certificate, Ravindra Bharathi School

Period: 2018-2019

Technical Skills

- Programming Languages: C, C++, Python, Java (basics)
- Web Technologies: HTML, CSS, JS, PHP
- Databases/Visualizations: MySQL, Tableau
- Operating Systems: Linux, Windows
- Technologies: Machine Learning, AWS
- Familiar with Data Structures and Algorithms and Object-oriented programming.

Internships

1. Intern at Blackbuck Engineers (July 2023-Sep 2023)

- Led a transformative AWS internship, driving the design of a 13-tier architecture and overseeing the development of a high-impact scaled-down marketplace app.

2. Intern at Webstack Academy (Feb 2024-Apr 2024)

- Developed Homely Hub, a dynamic house booking website, enabling users to book accommodations online. Integrated online payment system and property listing feature. Contributed to UI/UX design, backend development.

Projects

1. Cook Book Xpress – [Git Link](#)

- **Technologies:** HTML, CSS, JS, PHP, MYSQL
- Developed a cooking videos platform allowing users to watch instructional cooking videos and order ingredients directly from the video description. followed Software development Lifecycle process (SDLC)

2. Home Price Prediction – [Git Link](#)

- **Technologies:** ML, HTML, CSS, JS, Flask
- Created an interactive website that predicts house prices using an ml model. Users can enter details about the house, and the website instantly provides an estimated price.

3. Keyword-Driven Voice Assistant (With Translator) – [Git Link](#)

- Developed a robust spaCy-based NLP model to process voice inputs in multiple languages and implemented a custom translation module. Trained the model to extract user-defined keywords from spoken sentences.

Certifications

- Certified by CISCO Networking Academy in Networking Essentials (CCNA).
- Certified by GOOGLE cloud readiness in Data Analyst
- Certified by NASSCOM (Occupational Standard) for the job role Software Developer Associate.
- Certified by AWS and AICTE in AI-ML Virtual internship.

Achievements in Competitive Coding

- [Hackerrank](#) : 5-star rating in Python, 3000+ hackos.
- [Leetcode](#): Solved 130+ problems.
- [GeeksforGeeks](#): Solved 50+ problems.

Extra-Curricular

- Member of ISTE Association.
- Volunteer in Yes+ (The art of living club) and NSS.

Research Experience

1. Traffic Anomaly Detection Using Deep Learning-- Research Assistant, Sagi Ramakrishnam Raju Engineering College. Major contributor to a research paper on traffic anomaly detection, including dataset preparation and model design. Developed the dataset, designed the dl model, and conducted experiments for publication. Expected Publication: 2024