Naga Lathika Kommineni

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Summary

A dedicated Computer Science Engineering sophomore. My hands-on approach, developed through coursework and self-study, drives my desire to excel in a practical and challenging internship environment. I am eager to learn, collaborate, and contribute effectively to your team, aiming to leave a lasting impact.

Github: https://github.com/Lathika24

LinkedIn: https://www.linkedin.com/in/lathika-kommineni-734920286/

Education

B.Tech in Computer Science Engineering

SRM Institute Of Science & Technology (Deemed University) • Chennai, Tamil Nadu
05/2026

- CGPA: 8.59
- Member of IEEE SRM SB

Science stream, Computer science

Alwin International Public School • Chennai, Tamil Nadu

- 12th grade : 85.6%
- 10th grade : 86.8%

Skills

- Programming languages: Python, C, C++, Java, ML models(NLP),Computer Vision(CV).
- Cloud Platforms -Google Cloud,Amazon Web Services.
- Database Handling: MySQL
- Operating Systems: Windows, Linux
- Other Skills: Figma, Data Structures and Algorithms, HTML, CSS, Jupyter Notebook
- Non-Technical Skills: Team Collaboration developed through Active Involvement in IEEE Events as a Corporate Member

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Languages

English, Hindi, Tamil, Telugu

Projects

- CONTROL OF APPLIANCES BY DETECTING EYE STATUS:
  - Software Techstack: Python,TensorFlow library, OpenVINO library, NumPy library, Jupyter Notebook or Colab, OpenCV library (cv2), Keras library.
  - Hardware toolkit: Arduino UNO, breadboard, jumper wires, LED, USB cable, Webcam.
  - The project focuses on controlling appliances using deep learning techniques by detecting eye open or closed status.
  - Utilizing deep learning and computer vision, our system accurately detects eye states, starting with LED lighting control. Integrated with TensorFlow and OpenVINO for efficiency, it offers a hands-free interface, boosting user autonomy.

- INVENTORY MANAGEMENT SYSTEM:
  - Software Techstack: HTML, CSS, Python, JavaScript, Django, SQL.
  - This is an Inventory Management System developed using Django and SQL for efficient management of inventory in a business setting.

- COLLEGE MANAGEMENT SYSTEM:
  - Software Techstack: Java, Java Swings, Eclipse, JDK, JDBC Connectivity, MySQL, Windows 11.
  - This project presents a software application tailored to streamline and elevate the functionalities of a College Management System. The user-friendly Java Swing-based interface offers efficient data handling and retrieval capabilities, enabling users to manage courses, subjects, students, faculties, attendance, and student marks while maintaining data security through robust user authentication.

- TRAINIFY- ML FITNESS TUTORIAL
  - Software Techstack: Python, MediaPipe, OpenCV, LSTM Neural Network
  - Trainify is a fitness app that uses MediaPipe for pose tracking and an LSTM neural network to predict and smooth joint angles. It supports exercises like jumping jacks, bicep curls, squats, and push-ups, providing real-time feedback for improved form and performance.

Internship and Courses

Internship Student

Smartify Software Solutions • Hyderabad
06/2024 - 07/2024
During the Internship I worked on project **SMATOAPPS,** where I gained experience in HTML, CSS, Bootstrap, Angular, JavaScript, and PostgreSQL, developing responsive web interfaces and managing databases.

ARTIFICIAL INTELLIGENCE OF THINGS COURSE

01/2024 - 05/2024
Successfully completed a course on the integration of AI and IoT technologies, focusing on real-world applications, smart systems, and data-driven innovation.

CLOUD VIRTUAL INTERNSHIP

09/2023 - 11/2023
It is a 10-week internship supported by AWS Academy.

JAVA NPTEL COURSE

07/2023 - 10/2023
It is a 12-week course in programming in java and computer architecture taught by Prof. Debasis Samanta from the Indian Institute of Technology, Kharagpur.

COURSERA

[Exploratory Data Analysis for Machine Learning](#) an online course authorized by IBM and offered through Coursera.

Certificates and Achievements

- NPTEL certification earned in ["Programming in JAVA"](#) with a commendable score of 58%.
- AWS ACADEMY: Earned 3 badges, one for [Cloud Foundations](#), one for [Cloud Architecting](#), and one for [Machine Learning Foundation](#).
- [Artificial Intelligence of Things](#) (AIoT) Certification from intel
- [Hackerrank](#) - Golden badge in Python, C, C++, Java and a Bronze badge in Problem Solving.
- I have earned a badge issued by Google cloud in [Prompt Design in Vertex AI](#) course.
- Achieved the [Best Research Poster Award](#) at the 2nd International Conference on Higher Education Institute Challenges Solutions for Sustainable Development Goals - 5: Gender Equality, 2023 hosted by the Department of Electronics and Communication Engineering at [SRM University,](#) in collaboration with the [IEEE SRMIST Student Branch](#).