Lalitha Priyanka Mullu

B.Tech – (2022–2026)
Computer Science and Engineering – AIML
Kakinada Institute of Engineering and Technology

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LinkedIn

Professional Summary

Motivated Computer Science (AIML) undergraduate pursuing a Bachelor's degree with hands-on experience in software development, full-stack applications, and AI/ML projects. Strong foundation in software engineering principles with practical exposure to real-world project development and collaborative problem-solving. Passionate about learning new technologies and contributing to innovative, high-quality software solutions that improve efficiency, productivity, and safety across industries. .

Technical Skills

Programming Languages: Java, Python, JavaScript, SQL
Software Engineering: OOPS, Data Structures & Algorithms, REST APIs, Authentication
Frameworks & Tools: MERN Stack (MongoDB, Express.js, React, Node.js), TensorFlow, Git, GitHub
Databases & Analytics: MongoDB, MySQL, Power BI

Education

Degree / Certificate	Institute / Board	CGPA / %	Year
B.Tech in Computer Science & Engineering (AIML)	Kakinada Institute of Engineering and Technology	7.88	2026
Intermediate (MPC)	Adithya Junior College	90%	2022
SSC	SSC Board	9.8	2020

Internship Experience

Junior Developer Intern (IIIT-Hyderabad, KIET–RCTS)   *Aug 2024 – Apr 2025*

- Engineered a full-stack finance web platform using MongoDB, Express.js, React, and Node.js.
- Designed interactive dashboards and analytics charts via Chart.js.
- Implemented JWT authentication and RESTful services to ensure secure operations.
- Managed real-time database connectivity with MongoDB Atlas for seamless data flow.

AIML Intern (Swecha Telangana)   *May 2024 – Jun 2024*

- Contributed to the development of a regional language model trained on Telugu corpora.
- Applied core AI and ML concepts using Python, TensorFlow, and NLP pipelines.
- Conducted data preprocessing and model validation for linguistic applications.

Machine Learning Intern (APSSDC – IBM)   *Jun 2024 – Aug 2024*

- Built sentiment analysis systems using Python and TensorFlow for classification tasks.
- Enhanced ML pipeline through data tuning, evaluation metrics, and model optimization.
- Explored deployment strategies for scalable real-time ML solutions.

Projects

Finance Management System   *June 2024 – Apr 2025*
Tech: MERN Stack (MongoDB, Express.js, React, Node.js)
Constructed a finance tracking solution with modules for EMIs, expenses, and savings. Integrated authentication, visualization, and secure data handling.

Digits – Automated Speech Recognition   *Dec 2024 – Jan 2025*
Tech: TensorFlow/Keras, Librosa, Python

Implemented a voice digit recognition model using MFCC features and the FSDD dataset. Deployed a trained neural network for real-time inference.

Speech Emotion Recognition & Music Recommendation *Mar 2025 – Apr 2025*
Tech: TensorFlow, Librosa, Scikit-learn, Tkinter
Engineered a voice-based emotion classifier integrated with a Tkinter GUI for music suggestions using the RAVDESS dataset.

Blinkit Dashboard – Power BI *May 2024 – Jun 2024*
Tech: Power BI, Power Query, DAX
Developed an interactive dashboard to analyze Blinkit's sales and delivery metrics using Power BI. Implemented data cleaning, transformation, and KPI calculations with DAX to derive actionable business insights.

Key Coursework

Artificial Intelligence, Machine Learning, DSA, OOPS, DBMS, Operating Systems, Computer Networks

Certifications

- Internship Credential from KIET–RCTS in collaboration with IIIT Hyderabad
- Foundations of Modern Machine Learning – IIIT Hyderabad
- Generative AI Fundamentals – Google (Coursera)
- Google Data Analytics Specialization – Coursera
- Backend Development Certificate – Meta (Coursera)
- Android Developer Program – Google via EduSkills
- Completed 3+ industrial internships and built 5+ production-grade projects

Coding Profiles

LeetCode   CodeChef   GeeksforGeeks   GitHub