

EDUCATION

Lakireddy Balireddy College of Engineering B.Tech - Artificial Intelligence and Data science; CGPA: 8.20	Andhra Pradesh, India September 2022 - April 2025
Sri Sivani College of Engineering Diploma – Electrical and Electronics Engineering; Percentage: 86%	Andhra Pradesh, India July 2019 - April 2022

SKILLS SUMMARY

- **Technical Skills:** C, Java, Python, SQL Machine learning, Deep Learning
- **Frameworks:** Pandas, NumPy, Scikit-Learn, Matplotlib, React, Spring
- **Web Technologies:** HTML, CSS, JS, React
- **Tools:** Power BI, Excel, PowerPoint, Tableau, MySQL, Git
- **Platforms & IDEs:** PyCharm, Jupyter Notebook, Visual Studio Code

WORK EXPERIENCE

SOFTWARE TRAINEE INTERN AIMERS Society	December 24-April 25
<ul style="list-style-type: none">◦ Completed a 4-month internship at AIMERS Society as a Software Trainee.◦ Built a Math Visualization Tool similar to GeoGebra using React.js, aimed at helping students understand mathematical concepts through interactive visualizations.◦ Implemented features like graph plotting, geometric constructions, and algebraic expression manipulation to enhance the learning experience.	

PROJECTS

Event Organization Website 	November 2023
Built a web application to simplify the process of organizing events. It included features for creating events, registering participants, and managing event details from both the user and admin side.	
Book Recommendation System Machine Learning	December 2023–March 2024
Worked on a system that suggests books to users based on the genres they like. Used machine learning techniques to understand user preferences and recommend relevant titles.	
Telugu Tense Transformation using Natural Language Processing	June 2024–November 2024
Developed an NLP-based tool that predicts the tense of an English sentence, transforms it into a selected target tense, and translates it into Telugu using the MBART model. <ul style="list-style-type: none">◦ This work was published in the ICAIS 2025 – International Conference on Artificial Intelligence and Smart Systems.	
Math Visualization Tool ReactJS	December 2024–April 2025
I developed a math visualization tool using ReactJS that allows users to plot graphs, visualize geometric shapes, and interact with mathematical concepts in real time. It's designed to make learning math more intuitive through a clean, responsive, and user-friendly interface.	

CERTIFICATES

Salesforce AI Associate Certification Trailhead by Salesforce	November 2024
Demonstrated knowledge of AI fundamentals, ethical AI practices, and practical AI use cases within the Salesforce platform. Credential ID: 5174045	
Machine Learning Foundation Certification Infosys Springboard	November 2023
Completed foundational training in machine learning, covering core algorithms, real-world applications, and model evaluation techniques.	
Machine Learning with Python: A Practical Introduction IBM via edX	June 2024
Completed a hands-on course covering supervised and unsupervised learning, model evaluation, and Python-based ML implementation using libraries like scikit-learn and pandas. Certificate ID: bb0408b7bdd34b77aade36a00915e44d	
Introduction to Internet of Things NPTEL (IIT Kharagpur)	October 2023
Achieved Elite certification with 76%, demonstrating strong understanding of IoT concepts, protocols, and applications.	
Cisco AICTE Virtual Internship Program in Cybersecurity Cisco	September 2023
Recognized for successful completion of a virtual internship program in cybersecurity fundamentals and practices.	

ACHIEVEMENTS

Published research paper titled "Telugu Tense Transformation using NLP" in ICAIS 2025 – International Conference on Artificial Intelligence and Smart Systems.