KOTANI JAYANTH NAGA LALITH

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EDUCATION

B. Tech in Computer Science specialized in Internet Of Things
Aditya College of Engineering and Technology, 2022-2026

- Major: Computer Science
- Minor: Internet Of Things
- Related Coursework: Data Analysis, Software Engineering, Operating Systems, Algorithms, Artificial Intelligence, Machine Learning, Database Management, Data Structures, Neural Networks, and Deep Learning.

Board of intermediate –

- Aditya junior college
- 2020 - 2022

Board of secondary Education –

- Hamsavahini Vidyalaya
- 2019 - 2020

UNIVERSITY PROJECTS

Working Portfolio of a Website (3/2023)

- Designed and Developed Front-End Interface: Created a functional and aesthetically pleasing web page utilizing HTML5 and CSS.

- Implemented Responsive Design: Ensured compatibility across diverse devices and screen sizes through adaptive design principles.

- Utilized Modern Web Development Techniques: Employed Flexbox and CSS Grid to achieve sophisticated layouts and styling.

- Recognized for Excellence: Secured Second Prize in a Web Design Competition, surpassing 98 other teams.

Database Management Application (11/2023)

- Developed a Database Management Application: Created a robust application in Java, leveraging an SQL database to manage and track student data across three colleges.

- Implemented Comprehensive Data Management: Designed and implemented functionalities for inputting and displaying student data effectively.

- Ensured Data Integrity: Applied rigorous data validation techniques to maintain the accuracy and integrity of stored information.

- Enhanced User Experience: Crafted a user-friendly interface to facilitate efficient data entry and retrieval.

Capstone Project: Sentiment Analysis (May – June 2024)

- Tools: Python, NLP, Machine Learning, Flask/Streamlit

- Developed a sentiment analysis model to classify text as positive, negative, or neutral.

- Applied NLP techniques like tokenization, lemmatization, and TF-IDF vectorization.

- Trained and optimized machine learning models (Logistic Regression, SVM, LSTM).

- Built a web interface using Flask/Streamlit for real-time sentiment visualization.

TECHNICAL SKILLS

- Coding Languages: Java, Python, C++, C
- Developer Tools: Spyder, Jupyter, IntelliJ, VSCode
- Database Skills: MySQL
- Coursework: Artificial Intelligence, Machine Learning, Database Management, Data Analysis , Data Structures and Algorithms(DSA).
- Web Development: Experienced in working with JavaScript, HTML 5, CSS
- Machine Learning Implementation: Python for Machine Learning, Data Analysis, Data Prediction
- Frameworks: React, React Native
- Libraries: Pandas, NumPy, OpenCV
- Areas of Interest: Automation, UI/UX Design, Robotics, Artificial Intelligence, Automobiles

CERTIFICATIONS

- CCNA Introduction to Networks
- Certified from Cisco with C Essentials
- Pearson IT Specialist Certification in Python and HTML/CSS

PROFESSIONAL DEVELOPMENT

- Workshops & Seminars: Attended various workshops and seminars on full-stack development.
- Online Courses: Completed online courses to further enhance technical skills and stay updated with industry trends.