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. | |