YALLA MAMATHA

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OBJECTIVE

To utilize my expertise in software engineering, problem-solving, and collaboration, along with skills in Core Java,JDBC, MySQL, and full-stack development, to build innovative and sustainable software solutions that expand renewable energy access, while contributing to a dynamic, high-performing team environment.

EDUCATION

B.Tech in Computer Science, RamiReddy Subba RamiReddy Engineering College, Kavali   **2020 - 2024**
CGPA: 8.36/10   AP, India

Intermediate (MPC), Sri Raghavendra Junior College, Atmakur   **2018 - 2020**
CGPA: 9.86/10   AP, India

SKILLS

Programming Languages	Core Java, OOPS, JDBC
Databases	MySQL
Web Technologies	HTML, CSS, JavaScript
Developer Tools	Git/GitHub, Google colab, VS Code
Certifications	Python (Elewayte) (View)	HackerRank(SQL Basic) (View)

EXPERIENCE

Elewayate | Python Internship | Remote   May 2023 - June 2023

- Cleaning and analyzing the dataset provided by my mentor using Pandas. I addressed missing values, duplicates, and inconsistencies in the data.
- Following instructions, I performed various operations including data manipulation and visualization.
- Challenges were tackled, such as complex data structures, resulting in insightful findings. Overall, the project enhanced my data processing and analysis skills under mentor guidance.
- Developed essential soft skills in teamwork, communication, problem-solving, project management, adaptability, leadership, and a strong work ethic, contributing significantly to my professional growth. (Project Link)

PROJECTS

Crime Analysis: This project applies machine learning to analyze and predict crime patterns using historical crime data. By leveraging algorithms like K-Nearest Neighbors (KNN) and data visualization, the system identifies crime trends and predicts likely future incidents based on location and time. This approach provides law enforcement with data-driven insights to enhance crime prevention and resource allocation.

FrontEnd Projects: Developed a responsive Amazon-like e-commerce website using HTML and CSS. Implemented a front-end structure that replicates the design, layout, and functionality of Amazon's homepage, including product categories, a search bar, and basic navigation. (Project Link) | Designed and created a personal portfolio website using HTML, CSS to showcase projects, skills, and experience. Included sections such as About Me, Projects, Contact, and links to GitHub and LinkedIn profiles to enhance online presence and accessibility for recruiters. (Project Link)

GameHub: created projects using HTML, CSS, and JavaScript, including a Quiz App with question loading and score tracking, a Rock-Paper-Scissors Game with interactive game play and real-time scoring, and a Tic-Tac-Toe Game with two-player functionality and win/tie detection and a To Do List App.

EXTRA-CURRICULAR ACTIVITIES

- Engaged in various volunteer activities, including organizing social events, community clean-ups, and awareness campaigns, fostering teamwork, leadership, and a commitment to social responsibility.
- Secured First in PowerPoint Presentations for innovative ideas, demonstrated leadership by coordinating a coding competition, and actively contributed in group discussions at college.