Mukkamala V. N. Sahithi

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SUMMARY

Dedicated Computer Science Engineering student specializing in AI/ML and Full Stack Development. Proficient in Python, SQL, C++ and C, with a strong grasp of data structures, algorithms, and front-end technologies. Passionate about building intelligent systems and developing web applications. Quick learner with a problem-solving mindset, eager to explore and apply new technologies to create innovative solutions.

WORK EXPERIENCE

Edunet Foundation   June 2024 - July 2024

Developed a machine learning model to predict employee burnout by preprocessing data, engineering features, and training multiple models. Optimized performance through fine-tuning and validation, enabling proactive identification of at-risk employees for early intervention.

Edven Soft Solutions   June 2023 - Aug 2023

Worked on the QA and Development Enhancements for the project, enhancing quality assurance and development processes through test automation, bug tracking, and feature validation. Focused on ensuring software reliability while gaining hands-on experience in software testing, debugging, and deployment workflows.

PROJECTS

Calculator App   May 2023 - June 2023

Implemented a calculator app using HTML, CSS, and JavaScript. Provided users with essential arithmetic functionalities. Ensured compatibility across various devices and screen sizes with a responsive design. Offered a seamless and intuitive experience for performing calculations

Customer Churn Prediction   Aug 2024 - Dec 2024

Developed a customer churn prediction system using Artificial Neural Networks (ANN) in Python. Trained and evaluated multiple models, including SVM, Decision Tree, and KNN, with ANN achieving the highest accuracy of 86 percent. Analyzed customer behavior patterns to identify key churn indicators, enabling businesses to take proactive retention measures.

Tour and Travel Website   Jan 2024 - June 2024

Developed a full stack tour and travel website with an intuitive user interface for seamless trip planning. Integrated dynamic features for exploring destinations, booking options, and user engagement. Leveraged backend technologies to manage data efficiently and ensure smooth functionality. Designed for responsiveness and optimized performance to enhance user experience.

EDUCATION

B.Tech in Computer Science and Technology
SRM University AP, CGPA-8.41   **2022-2026**
Intermediate Tirumala College,96.3   **2020-2022**
SSC Sri Chaitanya School,98.8%   **2019-2020**

SKILLS

Programming Languages	C, C++, Python
Databases	SQL, MongoDB
Tools and Technologies	VS Code, HTML, CSS
Frameworks and Libraries	Pandas, Numpy, Matplotlib
Coursework	DBMS, Oops, Data Structures and Algorithms, OS, CN, Automation, Compiler Design
Soft Skills	Communication Skills, quick learner, Teamwork, adaptable, Problem solving

CERTIFICATIONS

Certificate of Completion - Joy of Computing Python in NPTEL
Certificate of Completion - Cyber Security and Privacy in NPTEL