RAMINENI SAI VENKAT

 sai-79 | in sai-venkat-ramineni |
✉ saivenkatramineni1@gmail.com | 📱 +917981426089

SUMMARY

I am an enthusiastic CSE student specializing in AI/ML at SRM University, AP. Proficient in full-stack web development and ML, with a focus on leveraging technology to simplify and enhance daily life. Dedicated to impactful project work, demonstrating a commitment to innovation. Eager to contribute technical expertise to real-world challenges and make a meaningful impact.

WORK EXPERIENCE

Intern at Azhana technologies   June 2023 - August 2023

Developed user-friendly websites using HTML, CSS, and JavaScript, collaborating with designers for functionality and aesthetics. Enhanced performance with frameworks and libraries, ensuring responsiveness across devices. Integrated third-party APIs and optimized SEO, resolving bugs and maintaining version control. Actively engaged in code reviews, staying updated with industry trends, and providing technical support.

PROJECTS

Research

-Conducted research on satellite image processing techniques for extracting insights from remote sensing data. Implemented Principal Component Analysis (PCA) to reduce dimensionality of satellite images while retaining essential information. Utilized K-Nearest Neighbors (KNN) algorithm for classification and pattern recognition in satellite image datasets. Collaborated with a team to develop and optimize algorithms for efficient satellite image analysis.
-Conducted research on electricity price forecasting and load forecasting using advanced neural network techniques. Developed models for predicting electricity prices and load demand based on historical data and relevant features. Employed Bagged Neural Network for electricity price forecasting and Boosted Neural Network for load forecasting to enhance prediction accuracy.

Machinelearning Project

Led multifaceted projects spanning regression, classification, and Convolutional Neural Networks (CNNs), demonstrating proficiency in diverse data analysis techniques. Applied regression models to discern data trends and predict outcomes, showcasing a strong analytical foundation. Employed classification algorithms to precisely categorize data, highlighting precision in data classification. Spearheaded the orchestration of CNNs for intricate image analysis, showcasing expertise in cutting-edge deep learning techniques. Successfully translated data into impactful insights, contributing to informed decision-making

EDUCATION

2021 - 2025	Bachelor's Degree at **SRM university AP**	(CGPA : 8.62)
2021	Class 12th Some Board	(Percentage :95.1)
2019	Class 10th Some Board	(CGPA : 10)

Skills

Languages	Python, JavaScript, C, C++, Java .
Web Technologies	HTML5, CSS3, Node js, React.
Database Management	MongoDB, MySQL.
Machine Learning and Data Science	TensorFlow Scikit-Learn, Pandas, NumPy, Mat- plotlib, Jupyter Notebooks.
Version Control and Collaboration	Git, Git hub.