Thatikonda Mukesh

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WORK EXPERIENCE

Data Analyst   Aug 2023 - Dec 2023

I analyzed data augmentation techniques and deep learning models on the Breast Cancer Wisconsin dataset, achieving 98.1 accuracy with Repeated Edited Nearest Neighbors and CNN. SVM SMOTE consistently performed well. This research provides insights into handling class imbalance, detailed in a published analysis.

PROJECTS

Attendance Tracker (Cross-Platform Application, Flutter)   Link to GitHub repo

Developed a robust Flutter application enabling secure user authentication and dynamic display of attendance details. Integrated with a Python Django API to efficiently manage attendance scraping tasks. Empowers students with real-time attendance updates, aiding in class attendance decisions for enhanced performance. Additionally, the app provides proactive reminders for upcoming classes, promoting effective time management and reducing the likelihood of missed sessions.

Blockchain-Enabled Tender and Contract Management System   In progress

A transparent and secure tendering platform employing blockchain technology ensures fairness by keeping bidders' identities and bid details confidential. This prevents collusion and manipulation, with bids remaining immutable to thwart fraud. Strict permissioning ensures impartiality, even denying the tender issuer access to bid details prematurely.

Little Later (Chrome Extension)   In progress

This tool provides users with the ability to save webpage states for later reference, helping them maintain focus and minimize disruptions. It offers customizable reminders for tasks, integrated with a task manager that includes date/time settings and reminders. Users can create secure sub-profiles for multiple users and utilize local browser encryption for privacy, with optional Google Drive integration for cloud-based storage and backup.

EDUCATION

2021 - 2025	Bachelor's Degree at **SRM AP University**	(CGPA: 8.2/10.0)
2021	Class 12th Telangana State Board of Intermediate Education	(Percentage: 97.4)
2019	Class 10th Telangana State Board of Secondary Education	(GPA: 9.3)

SKILLS

Programming Languages	C++, Python, Java, Dart, MySQL, PostgreSQL
Front-End Development	HTML, CSS, JavaScript, React, Flutter
Back-End Development	NodeJS, Express, Jakarta, Django, MySQL, PostgreSQL, Firebase
Concepts	Data Structures and Algorithms, Object Oriented Programming, Data Science
Platforms	Unity Game Development, Android Studio, IntelliJ, PyCharm
Adaptability	Flexible, Team Work, Multitasking Abilities
Language Proficiency	English (Intermediate), Japanese (Basic)