JULURI AKSHAY

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GitHub | Linkedin | Portfolio

EDUCATION

Sreenidhi Institute of science and Technology(SNIST) Ghatkesar
Computer Science and Engineering B.Tech 2022 - 2026
CGPA: 8.1

Trividyaa Junior college Hyderabd
MPC Intermediate 2020 - 2022
Percentage: 97.9%

St Peters Grammar School Hyderabd
SSC (10th Board) 2019 - 2020
GPA: 10

SKILLS

Programming Languages:	C, Java, Python, Dart, Javascript
Libraries/Frameworks:	Flutter, TensorFlow, Numpy, Pandas
Tools / Platforms:	Git, GitHub, VS Code, Android Studio
Databases:	SQL, MongoDB

PROJECTS / OPEN-SOURCE

Predicting Taxi Fares Using Random Forests *Python, Pandas, NumPy, Scikit-learn*
Objective: To build a predictive model for estimating taxi fares using features like
distance, location, and time.
Collected and preprocessed real-world taxi fare datasets.
Trained a Random Forest model achieving 85% accuracy.
Visualized results using Matplotlib and Seaborn.

LRU-Cache | Link *HTML,CSS,JavaScript*
Implemented LRU logic by converting Java doubly linked list and hash map code into JavaScript,
enabling dynamic put/get operations and capacity adjustments.
Enhanced user experience with a dark/light theme toggle, intuitive visuals (e.g., arrows, tooltips), and
an operation log.
The cache automatically removes the least recently used item when exceeding capacity, maintaining
highperformance.

adf_loaner_request | Link *JavaScript,Servicenow tools and technologies*
Developed a ServiceNow Loaner App using JavaScript ,Servicenow specific technologies to manage
equipment lending, integrating ServiceNow APIs (e.g., GlideRecord) for data handling and automation.
Designed custom tables and forms within the ServiceNow platform, enabling users to request, track, and
return loaner equipment with real-time status updates.
Implemented business logic and workflows with client-side and server-side JavaScript, including a Service
Catalog interface and automated approval processes for efficient equipment management.

QuizApp_Flutter | Link *Flutter,Dart*
Built a fully operational Quiz App using Dart, implementing state management to enable dynamic
screen updates and real-time question/result rendering.
Designed a responsive UI with engaging question interfaces and comprehensive result summaries,
ensuring a seamless user experience across devices.

FarmSmartAi(UD) | Link *HTML,react.js,Node.js,Python*
Developed an AI-powered platform assisting farmers in improving crop production and minimizing losses.
Integrated AI for crop health analysis, pest detection, and actionable farming insights.

Implemented real-time weather forecasting using OpenWeatherMap API and optional location-based insights with GoogleMapsAPI.

Contact Manager *HTML,JavaScript,SqlLite*

This web-based Contact Manager allows users to efficiently search, manage, and email contacts from a centralized interface. To optimize search performance, especially for prefix-based queries (like autocomplete), a Trie (prefix tree) data structure is integrated. This ensures fast and accurate contact lookups, even with large datasets. Additionally, users can send emails directly from the app, streamlining communication within a single platform.

CERTIFICATIONS

- Supervised Machine Learning: Regression and Classification - DeepLearning.AI, Stanford University(Coursera).
- 500+ solved on Leetcode, #Contest rating - 1,600+
- Juniper Networks Virtual Internship
- Servicenow SNAF,CAD badges

HONORS & AWARDS

- Won Summer Hackathon at SNIST
- 100Days Leetcoding badge
- Hackathon finalist at SNIST by swecha(IIIT Hyderabad)