# Juluri Akshay

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**GitHub | Linkedin**

## 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%*

## Skills

| | |
|---|---|
| Programming Languages: | C, Java, Python, Dart, Javascript |
| Web Development: | HTML5, CSS3, Bootstrap, Tailwind CSS, React.js, Node.js, Express.js, RESTful API Development |
| Libraries/Frameworks: | Flutter, TensorFlow, Numpy, Pandas |
| Tools / Platforms: | Git, GitHub, VS Code, Android Studio, Servicenow „ Vercel, Netlify, Amazon Web Services (AWS), |
| Databases: | SQL, MongoDB, SqlLite |
| Problem Solving: | 550+ leetcode problems solved(contest rating: 1690) |

## Projects / Open-Source

**SuperApp| Link** *MERN (MongoDB, Express.js, React.js, Node.js), Firebase*
AI-integrated web platform enabling students to organize PDFs, PPTs, notes, and screenshots.Designed a scalable folder-wise classification system with a smart AI assistant (Gemini api).Integrated Google APIs (Drive, Auth, Maps) for seamless data access and user authentication.Implemented multilingual support, Vapi API (voice assistant), and EmailJS (email automation) to enhance user experience and communication.Built for real-time collaboration and future-ready scalability.

**Contact Manager** *HTML,JavaScript,SqlLite*
A contact management web app that supports efficient prefix-based search using a Trie data structure. Includes features for managing, searching, and emailing contacts from a centralized dashboard.

**LRU-Cache | Link** *HTML,CSS,JavaScript*
A web-based simulation tool that visualizes LRU (Least Recently Used) cache logic using doubly linked list and hash map. Includes dark/light mode, arrow animations, tooltips, and a real-time operation log. The cache automatically removes the least recently used item when exceeding capacity, maintaining highperformance.

**Predicting Taxi Fares Using Random Forests** *Python, Pandas, NumPy, Scikit-learn*
Machine learning project that predicts NYC taxi fares based on features like distance, time, and location using Random Forest Regression. Achieved 85% model accuracy after feature engineering and data visualization

## Certifications

Supervised Machine Learning: Regression and Classification - DeepLearning.AI, Stanford University(Coursera).

ServiceNow Certified System Administrator (CSA) certification.

Juniper Networks Virtual Internship.

## Honors & Awards

Won Summer Hackathon at SNIST among 100+ competing teams

Hackathon finalist at SNIST by swecha(IIIT Hyderabad)