Karthik Aljapur   +91 7207170624
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Bachelor of Technology (CSE AI & ML Specialization)
GitHub: github.com/ka4382   LinkedIn: karthik-aljapur

Professional Summary

Self-motivated and detail-oriented Computer Science undergraduate self-motivated and detail-oriented passionate about problem solving, AI / ML, and full-stack development. Demonstrates strong analytical skills through academic projects, solid foundations in core programming, and consistent academic excellence. Looking for opportunities to contribute meaningfully to innovative projects and further develop technical expertise.

Education

SRM University, Chennai
B.Tech in Computer Science (AI & ML Specialization)   *Expected Jan 2027*
GPA: **9.39/10**

NANO Junior College, Hyderabad
Intermediate Certificate in MPC   *Apr 2023*
Final grade: **95.7%**

Projects

MNIST Handwritten Digit Classification using Deep Learning
Implemented a deep learning model using TensorFlow and Keras to classify handwritten digits from the MNIST dataset. Achieved high accuracy through optimized CNN architecture and model evaluation techniques.

Huffman Coding Web App
Designed a web-based demo using HTML and JavaScript to showcase real-time Huffman text compression. Users can input text, view encoded output, and examine the dynamic Huffman code generation tree.

Skills

Programming Languages: Python, C, C++, Java (Basics), JavaScript (Basics)
Web Development: HTML, CSS, JS
Libraries/Tools: NumPy, Pandas, Matplotlib
Databases: MySQL
Others: Git, VS Code, Linux basics

Certifications

- AI/ML for Geodata Analysis - ISRO
- Fundamentals of Java Programming - COURSERA
- C Programming Bootcamp — The Complete C Language Course - UDEMY
- Programming in Java - NPTEL
- CS107: C++ Programming - SAYLOR
- Python for Data Science, AI & Development - COURSERA
- GOOGLE AI-ML VIRTUAL INTERNSHIP - EDUSKILLS

Achievements & Academic Highlights

- Participated in multiple inter-college Hackathons showcasing enthusiasm in real-world problem solving

- B.Tech CGPA: **9.39**, Intermediate: **95.7%**

Languages Known

English (Fluent), Telugu (Native), Hindi (Intermediate)