Muralidharan S

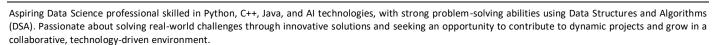
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Karur, Tamil Nadu, India - 639005

PROFESSIONAL SUMMARY



EDUCATION

BACHELOR OF TECHNOLOGY | ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Coimbatore, IN

Karpagam Institute of Technology

2022 - 2026

EXPERIENCE

Data Science Intern | Prayas Lab

May 2023

- Built data models for predictive analysis using Python.
- Conducted data cleaning and visualization tasks to extract actionable insights.
- Used libraries like Pandas, NumPy, and Matplotlib to analyze datasets.

PROJECTS

INSIGHT VERIEV December 2024

- Built and deployed an Al-powered system leveraging OCR and Ollama based LLMs to extract, process, and verify multilingual data from unstructured documents.
- Improved document validation efficiency across automated workflows for recruitment and assessment tasks.
- Achieved over 99.73% (3-sigma) accuracy in processing noisy OCR outputs for DRDO RAC recruitment assessments.

EXPLAINIFY

March 2025

- Built and launched a Chrome extension that integrates seamlessly with GitHub, enabling users to analyze and understand code directly within the platform.
- Allows users to paste and process code via a one-click interface, providing intelligent explanations, language conversions, and error detection using LLMs.
- Designed for developers and learners to enhance productivity and improve code comprehension without leaving GitHub.

March 2025

- Developed a web-based platform to store, manage, and review previous year coding questions and answers for efficient exam preparation.
- Implemented a secure login system to provide personalized access and data management for users.
- Designed for developers and learners to enhance productivity and improve code comprehension without leaving GitHub.
- · Aimed to help students and developers organize their coding practice and track solved problems in a centralized hub.

SKILLS

Python, Java, C++ • Programming Languages Backend Frameworks JavaScript Frontend Frameworks HTML (5), CSS MySQL Database Systems • Engineering Practices

 Soft Skills Team Work, Continuous Learning, Communication, Problem Solving

Git, GitHub

ACHIEVEMENTS

Smart India Hackathon, Ministry of Defense Data Structure and Algorithm using Java • ELITE

December 2024 October 2024

• LEETCODE - Solved 500+ Problems (as a present)

LANGUAGES KNOWN English Fluent

• Tamil Fluent

CERTIFICATIONS

• NPTEL - IIT KHARAGPUR -Data Structure and Algorithm using Java October 2024 • MINISTRY OF DEFENCE -SIH Finalist - 2024 December 2024

August 2024 ALGOZENITH C++ Certification