

# Muralidharan S

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east, Thanthonimalai, Karur.



## 🧩 CARREER OBJECTIVE

Aspiring Data Science professional skilled in Python, C++, Java, and AI technologies, with strong problem-solving abilities using Data Structures and Algorithms (DSA). Passionate about solving real-world challenges through innovative solutions and seeking an opportunity to contribute to dynamic projects and grow in a collaborative, technology-driven environment.

## 🎓 EDUCATION

**Bachelor of Technology - Artificial Intelligence and DataScience**, Karpagam Institute of Technology  
CGPA - 8.0 (till fourth semester)

2022 – 2026 | Coimbatore

## 🧠 SKILLS

### Technical Skills

Python | C++ | Java | HTML(5) | CSS | JavaScript | MySQL

### Soft Skills

Problem - Solving | Critical Thinking | TeamWork | Communication | Adaptability

## 📁 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

### IntelliQuiz Generator

present

- Developed a system to extract text from scanned PDFs and generate MCQs using Llama 3.2.
- Enabled users to select answers, submit responses, and receive performance analysis.
- Implemented dynamic charts to visualize scores and provide actionable feedback.
- *Technological Stack*: Llama 3.2, Python, PDF Text Extraction, Data Visualization, Flask.

### Neurobloom

present

- Developed a computer vision-based solution for processing question papers, automating mark calculation, and streamlining evaluation with text recognition and scoring algorithms.
- Integrated Bloom's Taxonomy to classify questions based on cognitive complexity.
- *Technological Stack*: Llama 3.2 Vision, PostgreSQL, OCR, Text Recognition.

### Insight Verify

Sep 2024 – Dec 2024

- Developed an AI-powered system using OCR and Ollama models to extract and verify multilingual data from unstructured documents, improving document validation efficiency.
- Achieved 3-sigma accuracy in processing noisy OCR outputs for DRDO RAC recruitment assessments.
- *Technological Stack*: OCR, LLM, React.js, MongoDB.

## 🏆 ACHIEVEMENTS

- *Smart India Hackathon Finalist-2024*: Recognized for innovative problem-solving and team contribution.
- *Leetcode*: Solved 400+ problems, focusing on algorithms and data structures.
- *Awarded ELITE Certificate – NPTEL (Data Structures and Algorithms using Java)*.

## 📜 CERTIFICATIONS

- *Smart India Hackathon Certification – 2024*
- *Data Structure and Algorithm in Java – NPTEL*
- *C++ Certification – AlgoZenith*