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PROFESSIONAL SUMMARY

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 DATA SCIENCE
Karpagam Institute of Technology

Coimbatore, IN
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 VERIFY

December 2024

- Built and deployed an AI-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.

CODE VAULT

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

- | | | |
|-------------------------|---|--|
| • Programming Languages | — | Python, Java, C++ |
| • Backend Frameworks | — | JavaScript |
| • Frontend Frameworks | — | HTML (5), CSS |
| • Database Systems | — | MySQL |
| • Engineering Practices | — | Git, GitHub |
| • Soft Skills | — | Team Work, Continuous Learning, Communication, Problem Solving |

ACHIEVEMENTS

- | | | | |
|------------|---|--|---------------|
| • FINALIST | — | Smart India Hackathon, Ministry of Defense | December 2024 |
| • ELITE | — | Data Structure and Algorithm using Java | 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 |
| • ALGOZENITH | — | C++ Certification | August 2024 |