

Madhavan A Ramanujan

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SUMMARY

Motivated Computer Science undergraduate specializing in AI & Robotics with strong foundations in **Data Structures, Algorithms, and Machine Learning**. Hands-on experience in AI-based image analysis and algorithm visualization through academic projects. Certified by **Oracle University** in AI Foundations and Generative AI.

EDUCATION

VIT Chennai, Tamil Nadu, India

B.Tech – Computer Science & Engineering (AI & Robotics)

2023 – 2027 | **CGPA: 8.10**

SKILLS

Programming Languages: Java, Python, C, C++

Core CS: Data Structures & Algorithms, Sorting, Graph Algorithms, Operating Systems, DBMS, Computer Networks

AI & ML: Machine Learning basics, Image Classification

Tools: Git, HTML/CSS

INDUSTRY-ORIENTED TRAINING & CERTIFICATIONS

Oracle University – Oracle Cloud Infrastructure (Summer 2025)

- **OCI 2025 AI Foundations Associate** – Score: **83%**

- **OCI 2025 Generative AI Professional** – Score: **72%**

Completed as a structured summer learning program in place of an internship.

PROJECTS

Dyslexia Detection Using Handwriting Images

- AI-based system to detect dyslexia indicators from handwriting images
- Built using **Python, Machine Learning, Image Processing, Flask**

GitHub: <https://github.com/Maddy152006/dyslexia-detection-ai>

Sorting & Graph Algorithm Visualizer

- Interactive visualization tool for sorting and graph algorithms
- Built to improve algorithm understanding

GitHub: <https://github.com/Maddy152006/Algorithm-Visualizer-mini-project->

ACHIEVEMENTS & ACTIVITIES

Maintained **CGPA of 8.10** in a competitive engineering program. Actively involved in academic projects and continuous self-learning.