

P THAMIZHARASAN

Artificial Intelligence and Data Science

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📍 Namakkal - TamilNadu

in [Linkedin](#)

INTERNSHIP

GEN AI and Agentic AI Training

[DigiDARA Technologies](#)

📅 MAY 2025 – JULY 2025 🗺 Remote

- Gained practical experience in building AI-driven applications using Python and modern AI frameworks.
- Learned to design and optimize effective prompts for text generation, summarization, Q&A, and reasoning tasks.
- Worked with Agentic AI concepts, including autonomous agents, tool usage, planning, memory, and multi-step reasoning.

ACHIEVEMENTS

- Accepted Paper – “Distilling Intelligence: Deploying Lightweight Neural Networks on ESP32 for Edge AI”, IEEE CVMI-2025, NIT Rourkela.
- Competed in TEZARIO2k24, a Hackathon conducted by the IT department, Attended a Inter college hackathon and built a sustainable chatbot for Railways using a custom dataset within a limited time frame
- Winner (2nd Place) at NCRPAIDST' 2K25, National Conference on Rising Phenomenon of AI & DS Technologies, Er. Perumal Manimekalai College of Engineering, Hosur.
- Solved Over 100 Coding Questions in DSA on Different Coding Websites
- Achieved a 5 Star rank in Hackerrank in JAVA and C

TECHNICAL SKILLS

- Python
- Java
- C
- Agentic AI
- Machine Learning
- Framework
 - Crew AI
 - Flask
- Other skills
 - Problem Solving
- Tools
 - VS Code

EDUCATION

B.Tech. (Artificial Intelligence and Data Science) - 7.041 CGPA

Kongunadu College of Engineering and Technology

📅 2022 – 2026 🗺 Trichy

Higher Secondary - 73%

Narayana Junior College

📅 2022 🗺 Vijayawada

Secondary - 98%

Narayana EM HS School

📅 2020 🗺 Nellore

PROJECTS

QUIN-CHECK EVALUATION FRAMEWORK (Applied to HCR)

- Python | Deep Learning
- Designed the Quin-Check Evaluation Technique, a five-stage deep learning framework combining line-curve decomposition and predictive scoring, reducing inference and insight generation time by over 25%. Successfully applied it to handwriting character recognition as a real-time use case. [Github](#)

AI Resume Analyzer & Enhancer

- Python|Crew AI | FAST API
- Developed an AI-powered web application that analyzes and enhances resumes for AI/Data Science roles using a multi-agent AI system. The platform evaluates ATS compatibility, identifies missing keywords, improves content quality, and generates professionally formatted, ATS-optimized resumes. . [Github](#)

PUBLICATION

“Distilling Intelligence: Deploying Lightweight Neural Networks on ESP32 for Edge AI

Co-authored and had a paper accepted for publication in the competitive *IEEE CVMI-2025 Proceedings*. The research focused on the deployment of lightweight neural networks on edge devices (ESP32) for efficient, low-power AI applications.

PERSONAL SKILLS

- Ability to work under pressure.
- Adaptable and flexible in dynamic environments.