

DHENA D

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<https://dhenaxep.github.io/portfolio/> | <https://github.com/dhenaxep>

Profile Summary

MCA postgraduate student with hands-on experience in Artificial Intelligence and Machine Learning. Experienced in building AI-powered applications including Retrieval-Augmented Generation (RAG) systems and ML-based prediction models. Strong foundation in Python, API integration, and frontend development, with a keen interest in developing scalable and intelligent software solutions.

Education

- **Master of Computer Applications (MCA)**, Kristu Jayanti (Deemed to be) University, Bengaluru 2024 – Present
- **Bachelor of Computer Applications (BCA)**, Baldwin Methodist College 2024
- **PUC (12th)**, Indiranagar Composite PU College 2021
- **10th Grade**, K R L S Patel Rama Reddy School 2019

Internship Experience

Frontend Developer Intern, VTech Integrated Solutions

- Built responsive UI components for TACOS cloud kitchen platform.
- Improved cross-device user experience and mobile responsiveness.

Projects

AI-Powered Notes Assistant (RAG)

- Designed a semantic search-based AI system using vector embeddings to retrieve contextually relevant answers.

AI Text & Image Detection System

- Developed ML-based text classification and image detection models integrated with REST APIs and frontend UI.

MEAN Stack Deployment & CI/CD Automation (Docker, AWS)

- Deployed a containerized MEAN application on AWS EC2 using Docker and Nginx.
- Implemented GitHub Actions CI/CD for automated build and deployment.

Certifications

- UI Path – Introduction to Agentic Automation
- Infosys Certified Java Programming

Skills

Technical Skills: Python, HTML, CSS,

AI/ML: Machine Learning, NLP, RAG

Tools: Git, GitHub, LangChain

Languages: English, Tamil, Kannada, Hindi

Achievements

- NSS State-Level Certification
- NSS Election Awareness Participation
- Research Paper Presentation at KJU National Symposium