ADHWAITH K P

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https://github.com/adhu1010

I am an enthusiastic final-year student in Artificial Intelligence and Machine Learning at Mar Athanasius College of Engineering. I have a strong foundation in Python and enjoy working on real-world AI/ML projects. I am eager to learn, build innovative solutions, and explore new areas in this field.

Education

Mar Athanasius College of Enginnering, B.Tech in Artificial Intelligence and Machine Learning   Oct 2022 – June 2026

- GPA: 7.87/10.0
- **Coursework:** Artificial Intelligence, Machine Learning, Natural Language Processing, Data Structures, Object Oriented Programming, Operating Systems, Computer Networks

Experience

Software Development Intern,iDynamics Software Pvt. Ltd., Technopark TVM   May 2025 – June 2025

- Contributed to the development of Windows desktop applications using C and the .NET Framework.
- Participated in UI design, debugging, and feature implementation, ensuring seamless and user-friendly interfaces.
- Collaborated with a team to deliver client-specific software solutions, adhering to quality standards and project timelines.
- Gained hands-on experience with .NET development, software lifecycle practices, and agile-based workflows.

Projects

Clinical Assistance Tool Powered by Pre-trained Bio-BERT Model

- This project developed a clinical assistance tool that allows users to upload and interact with medical documents to better understand their medical information.
- The system is powered by a fine-tuned Bio-BERT model, enabling bidirectional understanding of medical text to answer user queries based on document content
- Key functionalities include processing user-uploaded medical PDFs, extracting text, and providing accurate, context-aware responses to natural language questions
- Tools Used: Python, Transformers NLTK, Spacy, Pandas

Simple and Basic Retail Billing software

- Developed a application for retail shops for billing and maintaing their inventory
- Tools Used: HTML, CSS, Python

Technologies

Languages: Python, C, SQL, C, Java, HTML,CSS,Javascript

Technologies: Pandas, Numpy, transformers, NLTK