

ANANDHU P

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GitHub: <https://github.com/Anandhu-p-tec>

Professional Summary

Ambitious and inquisitive B.Tech Artificial Intelligence and Data Science student interested in learning AI/ML and web technologies. I may be early in my career, but I am bringing enthusiasm for learning, receptiveness to problems, and the actual desire to improve while making a contribution to valuable projects.

Skills

Programming & AI Tools:

- LangChain
- Transformers [Hugging Face]
- LLMs[OpenAI API ,lama]
- MCP Protocol
- Python (NumPy, Pandas, scikit-learn)
- Deep Learning (TensorFlow, Keras)
- Data Preprocessing & Visualization
- Computer Vision (OpenCV)

Development & Systems:

- HTML, CSS, JavaScript - Git & GitHub - APIs & JSON
- Internet of Things (IoT) - Streamlit

Soft Skills:

- Problem Solving
- Critical Thinking
- Communication Skills

Experience

Intern - Teqard Labs (August 5 - September 2) - Contributed to IoT projects involving both software and hardware components. - Gained hands-on experience with sensor integration, microcontroller coding, and data simulation using IoT platforms.

Education

B.Tech in Artificial Intelligence and Data Science
Nehru Institute of Engineering and Technology | 2022 - 2026

Projects

AI-Powered Medical Report Summarizer & Q&A Assistant

-Developed a healthcare-focused application using LangChain, MCP, and Llama 3 to summarize medical reports and enable interactive Q&A. Implemented text preprocessing, vector database retrieval (ChromaDB), and LLM-based summarization for patient insights and decision support.

MCP Multitool Agent

- Developed a multi-server MCP agent in Python enabling dynamic tool orchestration across remote services, enhancing adaptability for AI workflows.
- Engineered modular connection and context systems to support scalable and maintainable agent architectures

Meeting Minutes Generator

- Developed an NLP tool to convert meeting transcripts into concise summaries using Transformer models. Extracted key points and action items with a user-friendly Streamlit interface.

AI-Driven Dynamic NFT Game World

- Developed a prototype for a decentralized gaming platform using AI to generate dynamic NFT-based assets, integrated with blockchain for secure ownership. Leveraged TensorFlow for AI models and JavaScript for front-end interaction.

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Decentralized Identity Wallet with zk-Rollups

- Created a proof-of-concept DID wallet using zkSync and ethers.js, focusing on secure identity management with zero-knowledge proofs. Integrated APIs for cross-platform compatibility and tested on Ethereum testnets.

Certifications

CSS Essential Training - LinkedIn. (2024)

Google AI-ML - EduSkills Foundation(2024)

Machine learning- NPTEL. (2024)

Python for Data Science - NPTEL.(2023)

Personal Details :

Date of Birth: 02-06-2004

Father's Name: PADMANABHAN K

Address: Thamarapura house ,kuthanur , palakkad , kerala , india , 678721

Declaration:

I hereby declare that the above-mentioned details are true to the best of my knowledge.

Date :

(ANANADHU .P)