





MANIDEEP DINTAKURTHI

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PROFESSIONAL EXPERIENCE

AI Intern

May 2024 – Jul 2024

Infosys Springboard

- Designed a **web application** to translate **Indian languages to English, English to Indian languages**, and between **Indian languages**, using **pre-trained neural networks**.
- Built the application using **Flask** to deliver a seamless and efficient **user experience**.
- Created **Figma wireframes** to streamline the **user interface design** and enhance **usability**, ensuring a **user-friendly interface** for diverse linguistic needs.
- Integrated advanced **IndicTrans models** for **multi-language processing**, enabling accurate and efficient translations across various scripts.

EDUCATION

Bachelor of Technology in Computer Science and Engineering,
Amrita Vishwa Vidyapeetham
CGPA: 7.1

2022 – 2026
Amaravati, India

PROJECTS

Custom GPT

Dec 2024

- Created a chatbot using a large language model to enable real-time, context-aware conversations.
- Designed a user-friendly dialog system for seamless multi-turn interactions.
- Improved response quality by fine-tuning conversation parameters and prompt generation.

Plan it Pal


Oct 2024

- Built a dynamic itinerary generator with React, powered by Gemini AI (API), to craft personalized travel plans for up to 14 days.
- Effortlessly recommends must-visit places and activities tailored to user preferences and interests.
- Simplified trip planning, making every journey seamless and memorable.

PUBLICATIONS

Bridging the Diagnostic Gap: Classification of MRI-Based Brain Tumors Using a CNN and Transformer-Based Hybrid Deep Learning Method
IEEE

May 2025

DOI: 10.1109/AIDE64228.2025.10987411 

SKILLS

Technical

Technical Proficient in C++ and Python. Experienced in TensorFlow, MySQL, Flask, Mongo DB.

Web Development

Knowledge of HTML, TailWind CSS, JavaScript, React.js.

Data Science

Applied Machine learning and deep learning techniques using the TensorFlow framework to analyze and model for various projects.

Design and Prototyping

Skilled in UX Design with expertise in Figma for wireframing and prototyping.

CERTIFICATES

Google Data Analytics Professional Certificate with Coursera. 

Artificial Intelligence Primer Certification with Infosys 

Introduction to Machine Learning - IIT Madras. 

Salesforce Certified AI Associate 

Google UX Design Professional Certificate with Coursera 

Oracle Cloud Infrastructure 2025 AI Foundations Associate 