

MANIDEEP DINTAKURTHI

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🐙 GitHub

🔗 Portfolio

PROFESSIONAL EXPERIENCE

Infosys Springboard: AI Intern [↗](#)

May 2024 – Jul 2024

- Engineered a web application for Indian to English, English to Indian, and cross-Indian language translation using pre-trained neural networks.
- Implemented the backend with Flask and designed Figma wireframes to deliver a seamless, user-friendly interface.
- Integrated advanced IndicTrans models, enabling accurate and efficient multi-language processing across diverse scripts.

EDUCATION

B.Tech, CSE

Graduating Aug 2026

Amrita Vishwa Vidyapeetham,
Amaravati Campus

7.15 GPA

Relevant coursework: Artificial Intelligence, Data Structures, Web Development, Databases, Object-Oriented Programming, Machine Learning.

SKILLS

Technical: C, C++, Python, Object-Oriented Programming (OOP), MySQL, MongoDB.

Web Development: HTML, CSS, JavaScript, React.js, Node.js, UX Design, Figma

Data Science & AI: TensorFlow, Machine Learning, Deep Learning, Natural Language Processing (NLP), Generative AI, Agentic AI Systems

Soft Skills: Algorithmic Responsibility, Systemic Thinking, Iterative Resilience

PROJECTS

Qmaster [↗](#)

Dec 2024

- Designed the backend using FastAPI, with RESTful APIs supporting real-time queue management for 100+ concurrent users.
- Utilized Redis as an in-memory store, achieving sub-50ms queue state updates across clients.
- Collaborated on lightweight frontends using React.js for admin and React Native (Expo) for mobile.

Pix Compressor [↗](#)

May 2025

- Implemented a binary search algorithm on the HTML5 Canvas API to precisely compress images to a target file size.
- Engineered multi-format conversion (JPG, PNG, WebP, PDF) and a responsive UI with real-time previews.
- Architected a pure client-side application for instant processing and 100% user privacy, eliminating server uploads.

Plan it Pal [↗](#)

October 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.

CERTIFICATIONS

- Google Data Analytics Professional Certificate [↗](#)
- AWS Certified Cloud Practitioner [↗](#)
- Introduction to Machine Learning - IIT Madras [↗](#)
- Salesforce Certified AI Associate [↗](#)
- Oracle Cloud Infrastructure 2025 AI Foundations Associate [↗](#)
- Artificial Intelligence Primer Certification with Infosys [↗](#)