

Karthik Prabhu

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EDUCATION

- **Manipal Institute of Technology, Manipal**
Bachelor of Technology; CGPA: 7.86
Relevant Coursework:
 - English Communication
 - Essentials of Management
 - Engineering Economics
 - Problem Solving using Computers
 - Database Systems
 - Contract Management
 - Probability & Statistics
 - Python Computing
 - Interactive Programming
- Manipal-Udupi, India
Oct 2021 – Oct 2025

TECHNICAL SKILLS

- **Programming Languages:** Python, C, SQL
- **Technologies:** FastAPI, Django, Gemini API, Azure OpenAI, MS Office, MS Excel
- **Soft Skills:** Public Speaking, Product Management, Entrepreneurial Mindset, Presentation

INTERNSHIPS

- **ZS Associates**
(Decision Analytics Associate)
 - **Office-wide Product Pitch:**
 - * Prototyped a **GenAI product** connecting 3 isolated FDA APIs to parse unstructured clinical trial data.
 - * **Won competition** with commendation from the **Office Managing Partner**.
 - **PowerBI dashboard development:**
 - * Used **PowerBI** for a \$150K client engagement with a Fortune 50 Pharma company.
 - * Improved strategic reporting using **PBI Report Bookmarks**, reducing load times by 50%.
 - **Patient Analytics:**
 - * Analyzed insurance claims **using SQL** for a \$1.5M project.
 - * Presented patient behavior trends by importing SQL Summaries into **Excel models**.
 - * Insights derived from Models were **used by leadership** to understand drug performance.
- Bengaluru
Jan 2025 - July 2025

PROJECTS

- UpEase – AI Copilot integrated into LMS for Student Performance Queries**
(Founder and Lead)

 - **User Research:** Conducted **user interviews** to identify major problems faced by faculty in Universities.
 - **Product Design:** Integrated 20 Microsoft Graph API endpoints with an LLM using Python for deep connectivity with university systems through **Retrieval Augmented Generation (RAG)**.
 - **Business Plan:** Scoped industry partnerships, SaaS pricing models, GTM strategy, product–market fit, and a multi-channel sales approach.
 - **Visibility:** Delivered a **technical presentation** to Microsoft Product Managers and a live demo at Microsoft Build.
 - **Recognition:** Placed among the **top 5** winning teams worldwide in the Microsoft Imagine Cup.
 - **Publicity:** Featured in leading tech blogs with **Microsoft Executives** on the project’s novel product structure.
- MIT, Manipal
Aug 2023 - Dec 2024

HONORS AND AWARDS

- **Microsoft Imagine Cup (2024) – World Semifinalist:**
 - Premiere global technology competition for student founders, considered the **Olympics of Technology**.
 - Received \$5,000 in Azure credits and \$10,000 in Microsoft Build sponsorship (registration, travel, accommodation).
- **Cisco Forecast League (2024) – Finalist:**
 - 3rd most Accurate Prediction for the demand forecast of Q4 2023
 - Achieved an 81.97% correlation to actuals.
- **Manipal Pitch Competition (2023) – 3rd Place:**
 - Presented an UpEase prototype to a jury of venture capitalists and investors.
 - Placed 3rd among 50+ teams across the institute.

POSITIONS OF RESPONSIBILITY

- Class Representative**
(Academic)

 - Liaison for 100+ students, ensured clear communication between students and faculty.
 - Relayed feedback to academic coordinators, contributing to improvements in course delivery.
- Manipal Institute of Technology
Oct 2021 - July 2025
- Technical Secretary, Research Society MIT**
(Interdisciplinary)

 - Led strategy for workshops and recruitment, **increasing engagement by 30%** in one semester.
- Manipal Institute of Technology
Oct 2023 - Oct 2024