

# Naman Jha

Dallas, TX 75206 • (469) - 954 - 4971 • [namanjha025@gmail.com](mailto:namanjha025@gmail.com)

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## EDUCATION:

### **Southern Methodist University**

Bobby B. Lyle School of Engineering  
Master of Science in Computer Science

Dallas, TX

**Grad date: Dec 2024**

### **Adani University**

Bachelor of Engineering in Electrical Engineering

Gujarat, India

Grad date: July 2021

## TECHNICAL EXPERTISE:

**Programming Languages:** Python, C/C++, SQL, HTML, CSS, Javascript, React.js, MongoDB, MySQL

**Tools:** VSCode, Jupyter Notebook, Anaconda, Microsoft Project, Pandas, Numpy, Matplotlib, Langchain, Windows 7-11, Linux, MacOS, MS Project, Monday.com

## OTHER SKILLS:

OOPs, Full Stack Web Development, Data Visualization, Web Scraping, Web Crawling, Machine Learning, AI, LLMs and AI Chatbots, Prompt Engineering, Project Management, Market Research, Analytical Skills.

## WORK EXPERIENCE:

### **Research Assistant, Southern Methodist University, TX, USA**

**Aug '23-Present**

- Worked closely on the thorough cleaning and preprocessing of intricate datasets obtained from a well-known children's hospital in Dallas.
- Leveraged Python and data science libraries to develop predictive models that enhanced the hospital's ability to understand and serve its young clientele, contributing to data-driven decision-making processes.

### **Teaching Assistant, Southern Methodist University, TX, USA**

**May '23-Present**

- Collaborated as a TA to facilitate the production of a high-profile podcast featuring distinguished guests such as the former CEO of Coca-Cola, the CMO of the Dallas Mavericks, and experts from Oliver Wyman.
- Assisted in content development and refinement for podcast episodes, ensuring that topics were engaging and aligned with industry trends.

### **Software Program Manager, Proficientea LLC, CA, USA(Remote)**

**Jun '21-July '22**

- Led and managed cross-functional teams to deliver multiple projects within a strategic program, aligning with organizational goals..
- Defined program scope, objectives, and success criteria, collaborating with stakeholders to ensure clear expectations.
- Aligned program goals and outcomes with evolving business priorities, ensuring ongoing relevance and value to the organization.

## EXTRA CURRICULAR ACTIVITIES AND PROJECTS:

### **Generative AI Proof of Concept**

- Collaborated with SMU's Office of Information Technology on a pioneering generative AI initiative, built an AI chatbot on top of Llama2, OpenAI and fine-tuned the model on custom data.

### **Generative AI Startup**

- Founded a startup that focuses on an AI-powered online College Admission Counseling platform to help international students achieve their dream university. Collaborating with different ecommerce brands and financial institutions as a part of revenue model for the startup. Used Django framework as my backend and Bootstrap as my frontend.

### **SaaS platform to interact with custom data.**

- Developed a SaaS based web app to let users interact with their custom data in form of pdfs. Used OpenAI as my LLM and used ChromaDB as my vector store. Used streamlit to build the UI for this application.

### **Medical Chatbot**

- Developed a conversational AI chatbot using Llama2 LLM and Langchain. Fine tuned the AI model on the "the Encyclopedia of Medicine".

### **LLM based search engines**

- Currently advancing the development of next-gen websites by integrating LLM technology into search engines, facilitating user interaction with website content for more efficient navigation.

## ACHIEVEMENTS and VOLUNTEERING:

- Selected as one of 13 startups for the SMU Business Accelerator Program for the 2023 batch, a highly competitive program that helps startups incorporate, raise capital, and pitch to investors.
- Volunteered at the "Entrepreneur Awards Gala 2023", an annual event that recognizes the top 100 startups in Dallas.