

SATYA SHAH

Master's in Computer Science

Dear Hiring Manager,

I am writing to express my strong interest in internship or full-time opportunities in the fields of Data Science, Machine Learning, and Data Analytics at your organization. With a solid academic foundation, hands-on experience through multiple internships, and a proven record of delivering impactful projects, I am confident in my ability to contribute effectively to your team.

Currently, I am pursuing my **Master of Science in Computer Science** at the University of Texas at Arlington, maintaining a GPA of **3.9/4.0**. My previous experience includes internships focused on **computer vision and machine learning** at companies like Avidclan Technologies, Technostacks Infotech, and Sensegood Instruments. Across these roles, I developed end-to-end ML pipelines, deployed production-grade applications on AWS using Docker and CI/CD pipelines, and optimized models to achieve up to 98% recall in real-world healthcare and manufacturing use cases.

In addition to backend development and machine learning, I have also worked extensively on building user-friendly interfaces using Flask, HTML, CSS, and JavaScript. Projects like **PEDIABOT AI**, **Chat Summarizer**, and **Data Talk: Query Without Code** demonstrate my ability to integrate LLMs, vector databases, and modern frameworks like **FastAPI** and **Streamlit** to solve real-world problems.

On the analytics front, I have developed dynamic **Tableau** dashboards for analyzing **stock market trends (Apple, Google, Netflix, X, Tesla, META)**, and visualizing data from platforms such as **Netflix, Goodreads, and Airbnb**. These dashboards utilize custom KPIs and interactive elements to enhance insights and user experience.

I bring a strong mix of technical and soft skills—including Python, SQL, TensorFlow, PyTorch, Docker, and MongoDB—along with experience in frameworks like **Hugging Face, Langchain, FastAPI, and MLFlow**. I take pride in my adaptability, critical thinking, and ability to collaborate across cross-functional teams.

I am enthusiastic about the opportunity to bring my blend of technical knowledge, creativity, and passion for data-driven innovation to your organization. Thank you for considering my application. I would welcome the chance to discuss how I can contribute to your team and am happy to provide further details during an interview.

Warm regards,

Satya Shah
