Isha Shah

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EDUCATION

MS in Computer Science 2025–present
Rutgers University - New Brunswick, New Jersey
Relevant Coursework: Database for Data Science | Data Structures and Algorithms | Intro to AI

B.Tech in Artificial Intelligence and Machine Learning with Honors in Immersive Technology 2021–2025
SVKM'S Dwarkadas J. Sanghvi College of Engineering CGPA: 3.8
Relevant Coursework: Computer Networks and Security | Advanced DSA | Machine Learning | Deep Learning | Natural Language Processing | Large Language Models | Computer Vision | Big Data | HPC | DevOps | MLOps | Image Generative AI

SKILLS

Programming Languages:	Python, C/C++, Java, JavaScript
Web Development:	React, HTML, CSS, Flask, Streamlit
Frameworks and Libraries:	Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Keras, Transformers, NLTK, OpenCV, Hugging Face, REST APIs, Docker
Data Tools:	SQL, Git, GitHub, MS Office, Power BI, MongoDB

PROJECTS

EmotiSense: AI-driven Behavior Monitoring | HTML, CSS, JS, Flask, DL | Aug '23 ↗
- A deep learning system using LSTM and CNN for real-time emotional distress detection in specially-abled individuals.
- Designed an interface for audio-visual analysis and personalized reporting.
- Published research in Library Progress International, highlighting advancements in AI-driven assistive technology.

AcademIQ: EdTech | ChakraUI, Flask, Gemini, SQL | May '24 ↗
- It is an AI-driven educational platform designed to bridge educational gaps and revolutionize how we learn, teach, and grow.
- Key features include AI-powered Lesson Planning, Multimodal Content Generation, Auto-Generated Presentations, and On-Demand Course Creation.

LegalAI: Document Analyzer | Langchain, React, Flask, Gemini, MongoDB ↗
- An AI-powered legal platform that summarizes contracts and legal documents to extract key clauses, obligations, and deadlines.
- It features a secure document storage system and an intelligent legal chatbot.
- It also can draft contracts using Retrieval-Augmented Generation (RAG) with Atticus Open Contract Dataset.

EXPERIENCE

Exam Proctor (Part time, On Campus) - Office of Disability Services, Rutgers University NB Oct '25 - Present
- Proctor exams for students registered with ODS, ensuring accommodations are implemented accurately and confidentially.
- Maintain exam integrity while providing a supportive, inclusive testing environment and coordinate with faculty and ODS staff to follow university testing protocols and accessibility guidelines

Software Developer Intern - Marcos Quay Aug '24 - Oct '24
- Redesigned and redeveloped the company website, improving functionality, responsiveness, and user experience.
- Managed full-stack development, hosting, deployment, and security.
- Collaborated with cross-functional teams to align with branding and conducted testing to ensure cross-device compatibility.

Vice Captain(Non-Tech) - DJS Astra Aug '23 - Aug '24
- Directed a multidisciplinary team of 10 members in combat robotics development and competition, leveraging mechanical, electronics, creativity, and marketing skills.
- Orchestrated strategic planning and fostered a culture of innovation and collaboration, ensuring project success through timely execution and marketing initiatives.

COMPETITIONS

Robowars: Competed in Quark'23, BITS Goa.
D2K: Participated in Data2Knowledge Hackathon, DJSCE.
Hack2Infinity: Top 10 in Hack2Infinity, Rajiv Gandhi Institute of Technology
HackXplore: Top 5 in Edtech PS, Sardar Patel Institute of Technology [0.1em]

CERTIFICATIONS

Generative AI with Large Language Models - DeepLearning.AI
Python for Everybody - University of Michigan
Machine Learning with Python - IBM
Accelerated Computing with CUDA C/C++ - Nvidia