

ADITYA JETHANI

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EDUCATION

Pandit Deendayal Energy University

Bachelor of Technology in Computer Engineering, CGPA: 9.44

Gandhinagar, India

October 2021 - Expected July 2025

EXPERIENCE

Artificial Intelligence Intern

TechVita Labs

Ahmedabad, Gujarat

May 2024 - Present

- Engineered custom multi-agent AI system for elderly humans to keep track of medicines, stress and maintain a healthy lifestyle.
- Involved in development of method for extraction of data from smart wearable devices to support the system with real-time analysis.

Artificial Intelligence Intern

Free-Thesis

Delhi, India

March 2024 - May 2024

- Enhanced the accuracy of an HGCN patient classification model to **96%** with forward pass alpha models.
- Developed a custom EEGNet deep learning model with self-supervised neural networks to classify depression and analyze seizures.

Machine Learning Intern

Redpositive Services PVT. LTD.

Jaipur, Rajasthan

May 2023 - August 2023

- Augmented language translation model accuracy by **30%** through effective coordination and collaboration.
- Led resolution of **7 critical issues** alongside a back-end team, have ensured seamless integration and deployment with version control and Docker.

ACHIEVEMENTS

- Leetcode** (Max. Rating **1767**) Tackled **170+** DSA problems, **Top 11.5%** globally. **Codechef** Ranked **936** in Starters 113D (among 19000+ contestants). **Hacktober Fest: 15+** Successful open source contributions
- Certifications:** **Tic Tech Toe (Top 10 teams)**, **NVIDIA DLI**, **Data Analysis**, **Machine Learning**
- Others:** Competed in esteemed hackathons such as SIH, SSIP, DotSlash.

PROJECTS

Medicinal Plant Chat Bot: *Transformers, Deep Learning, Langchain, Web technologies*

- Trained a plant identification AI system on over **15,000** images, achieving **86%** accuracy using Deep Learning. Includes a chatbot for user questions, trained on authentic text materials, providing responses in under 5 seconds.

Meeting Companion: *Python, Langchain, Google API, OOPs, Streamlit Cloud*

- Crafted Meeting Summarization and Q&A tool achieving **50%** faster processing on Streamlit Cloud. Enhanced with user feedback, knowledge updates, and clear history option for improved interactions.

LEADERSHIP

Chairperson, **ACM - PDEU Student Chapter**

July 2023 - July 2024

- Led a community of **50+** developers to enhance the technical culture among students. Have worked with the team to organize different workshops, expert lectures and events.

SKILLS

- Languages:** Python, C++, JavaScript, SQL
- Technologies and Frameworks:** Tensorflow, PyTorch, Langchain, Numpy, Pandas, Matplotlib, Flask, Django, Git, Docker, Data Structures, Algorithms, HTML5, CSS3, Linux
- Cloud Technologies:** Google Cloud Platform, Microsoft Azure, MongoDB
- Soft skills:** Problem analytics, Communication, Leadership, Team Work, Management, Resiliency