

# ADITYA JETHANI

+91 9328223890 | Gujarat, India

[adityajethani11@gmail.com](mailto:adityajethani11@gmail.com) | [Linkedin](#) | [GitHub](#) | [Portfolio](#)

## EDUCATION

### Pandit Deendayal Energy University

Bachelor of Technology in Computer Engineering, CGPA: 9.44

Gandhinagar, India

October 2021 - Expected July 2025

## EXPERIENCE

### Software Engineering Intern

CybraneX Technologies

Delhi, India

March 2024 - Expected Sept. 2024

- Refined OCR techniques to structure **1000+** unorganized documents, automated integration into cloud storage with **90%+** accuracy and under **5ms** processing time per document.
- Improved Image Tamper Detection system by analyzing **1500+ images**, implemented multi-lingual support and AI-powered information extraction from handwritten content.

### Artificial Intelligence Intern

Free-Thesis, formerly SysMat Solutions

Delhi, India

March 2024 - May 2024

- Enhanced the accuracy of a HGCN brain disease 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 into **3** classes with **80%** accuracy score.

### Machine Learning Intern

Redpositive Services PVT. LTD.

Jaipur, Rajasthan

May 2023 - August 2023

- Augmented language translation model accuracy by **30%** utilizing Bidirectional LSTM network and ensemble methods. Have ensured smooth aggregation with production via version control.
- Coordinated with the back-end team to resolve **7** critical production code issues and pipeline creation.

## ACHIEVEMENTS

- Leetcode** (Max. Rating **1768**): Tackled **170+** DSA problems, **Top 11.6%** globally. **Codechef**: Ranked **936** in Starters 113D (among 19000+ contestants), **Hacktober Fest**: **15+** Successful open source contributions.
- Certifications**: **Tic Tech Toe (Top 10 teams)**, **Data Analysis With Python**, **Hackerank**: **5+** badges and certifications, **Linkedin Skill Assessment**: Passed C++, MySQL, Object Oriented Programming tests.
- Others**: Competed in **10+** hackathons such as Smart India Hackathon by Govt. of India and code for good by J.P. Morgan Chase & Co.

## PROJECTS

**Time Table Generator**: *Data Structures, Algorithms, Django, HTML5, CSS3, JavaScript*

- Have designed and developed automatic timetable generator for universities. A responsive web application with capacity of handling **more than 10** user constraints. Produces easy to understand, conflict-free timetables.

**Medicinal Plant Chat Bot**: *Transformers, Deep Learning, Langchain, React.js, Node.js, CSS*

- 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.

## SKILLS

- Languages**: Python, C++, Java, JavaScript, HTML5, CSS3, SQL
- Technologies and Core Competencies**: Data Structures, Algorithms, Object Oriented Programming, Django, React, Node.js, Docker, Git, Linux, TCP/IP
- Cloud Technologies**: Google Cloud Platform, Microsoft Azure, MongoDB
- Soft skills**: Problem analytics, Communication, Leadership, Team Work, Management, Resiliency

## LEADERSHIP

Chairperson, **ACM - PDEU Student Chapter**

July 2023 - June 2024

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