

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

Software Engineering Intern

CybraneX

Delhi, India

March 2024 - Expected June 2024

- Refined OCR techniques to structure **1000+** unorganized documents, automated integration into cloud.
- Improved Image Tamper Detection system, applied expertise from analysis of **200+** cases.

Machine Learning Intern

Redpositive Services PVT. LTD.

Jaipur, Rajasthan

May 2023 - August 2023

- Augmented language translation model accuracy by **30%**. Have ensured smooth aggregation with production via version control.
- Coordinated with the back-end team to resolve **7** critical issues.

ACHIEVEMENTS

- **Leetcode** (Max. Rating **1768**): 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)**, **Data Analysis With Python**, **Hackerank**: **5+** badges and certifications, **Linkedin Skill Assessment**: Passed C++, MySQL, Object Oriented Programming tests.
- **Others**: Competed in esteemed hackathons such as SIH, SSIP, DotSlash, Geeksforgeeks.

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, 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.

Hostel Room Allocation System: *React.js, Node.js, MongoDB, Express.js, Tailwind CSS*

- Created a Digital Hostel Room Booking system, cutting processing time by **50%** with streamlined room selection, secure ID sharing, and automated digital invoicing.

Algorithms Visualizer *Data Structures and Algorithms, Node.js, HTML5, CSS3, JavaScript*

- Implemented an interactive Algorithms visualization web application. Users can easily understand the working of **10+ Graph and Sorting algorithms** with custom speeds and constraints.

LEADERSHIP

Chairperson, ACM - PDEU Student Chapter

July 2023 - July 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.

SKILLS

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