

# 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

Oct. 2021 - July 2025

## SKILLS

**Technical:** C++, Python, Data Structures, Algorithms, Object Oriented Programming, SQL, HTML5, CSS3, JavaScript, React.js, Node.js, Django, Google Cloud Platform, MongoDB, Linux

**Non-Technical:** Leadership, Communication, Public Speaking, Team management

## EXPERIENCE

### SWE Intern

CybraneX

Delhi, India

March 2024 - Present

- Refined OCR techniques to structure 1000+ unorganized documents, automating integration into Azure SQL.
- Enhanced Image Tamper Detection and Q-NLP projects, applying expertise from analyzing 200+ cases.

### Machine Learning Intern

Redpositive Services PVT. LTD.

Jaipur, Rajasthan

May 2023 - Aug. 2023

- Augmented language translation model accuracy by 30%. Coordinated with a 10-member back-end team to resolve 7 critical issues, ensured smooth integration and deployment with version control and Docker.

## PROJECTS

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

- 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, clear, 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.

## ACHIEVEMENTS AND CERTIFICATIONS

- **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.

## LEADERSHIP

### Chairperson, **ACM - PDEU Student Chapter**

July 2023 - Present

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

### Technical Lead, **GFG - PDEU Student Chapter**

Oct. 2022 - Present

- Guiding and supporting fellow committee members, organizing technical events in collaboration with Geeksforgeeks. Conduct more than **10** public events and workshops till date.