

HET PATEL

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Education

IndusUniversity

Bachelor of Technology and Engineering | Computer Science and Engineering

• CGPA: 9.02/10.0

Expected Graduation: June 2025

Ahmedabad, Gujarat

Work Experience

ISRO (Indian Space Research Organization)

Intern

January 2025 – Current

Ahmedabad, Gujarat

- Assisted in analyzing satellite data, **processing 500+ images**, and extracting key insights for research applications.
- Developed algorithms to optimize data processing, **improving efficiency by 20%** in satellite image analysis.

Prodigy Infotech

Data Science Intern (Virtual Internship)

April 2024 – May 2024

- Analyzed and cleaned datasets with 10,000+ records**, conducting EDA to extract actionable insights.
- Implemented **Decision Tree classifiers** achieving a **75% accuracy rate for predictive business analysis**. Performed sentiment analysis on **5,000+ social media posts**, visualizing trends to support marketing strategies.

Flying Overseas

Multi Media Manager Intern

March 2023 – January 2024

Ahmedabad, Gujarat

- Managed social media platforms for Flying Overseas, creating and scheduling **50+ posts monthly**, **increasing engagement by 30%**. Utilized social media tools like Hootsuite, Buffer, and **Sprout Social to streamline management**, **improving efficiency by 20%**.
- Developed data management skills, organizing and analyzing data from **3+ platforms to track performance** and inform strategies.

Leadership Experience

Head - Student Activity Cell | Indus University

September 2023 - September 2024

- Orchestrated the seamless coordination of **80+ student events** with **precision and foresight**, prioritizing efficiency and strategic planning. **Managed a diverse team of 30**, executing **20+ major projects under budget** and achieving **100% on-time delivery**, which contributed to a 40% improvement in team productivity and efficiency.
- Strategically enhanced project performance by recruiting and integrating over **50 coordinators** based on specific project needs, which led to a **25% increase in project delivery efficiency**.

Projects

- Alma AI** AI | Python | hugging face | API | LLM
- Sales Dashboard - Tableau** Tableau | EDA | KPI DB | Data Analysis
- GRACE STEPS - Website created using WebTech | Website** HTML | CSS | JavaScript | php |
- MySQL**
- Weather API Web Application** HTML | CSS | JavaScript | php | MySQL | Java |
- eclips**

Publications

- Published a research paper in I.J.I.R.C.T on "**Image Retrieval using CNN and Dimensionality Reduction Techniques: A Case Study on CIFAR-10**," by authors **Het Patel**, Rushi Patel, Krishi Patel and Pritamshu Singh under the guidance of Dr.Roma Mevadawala.
- Ongoing Research: **Enhancing Scalability in DNA Data Storage: Methods for Efficient Encoding, Retrieval, and Petabyte-Scale Storage**.

Certification & Achievements

Supervised Machine Learning; Regression and Classification | Web Development | Google data Analytics | Cyber Security | C for Everyone: programming fundamentals | Machine Learning | Google Generative AI

Core Competencies

Programming Languages: Java, Python

Frameworks/Softwares: Microsoft office, Adobe Photoshop, Adobe Illustrator, Git, Tableau, WordPress, HTML, CSS, JavaScript, php, Figma, Canva, Android Studio

Others: DSA, CN, AI, CNS, Web Technology, Data Analysis

Soft Kills: Teamwork, Adaptability, Communication, Time Management, Project Management & Critical Thinking

Languages: English, Hindi, Gujarati