HET PATEL

hetp2030@gmail.com | +91 8732963632 | linkedin.com/in/hetpatel093/ | github.com/hetpatel1978

Education

Grade: 12th   **April 2020**
Science Stream   *Ahmedabad,Gujarat*
- **Grade: B**

ADSE   **Certification: April 2021**
Advance Diploma in Software Engineering   *Ahmedabad,Gujarat*
- **Grade: A**

IndusUniversity   **Expected Graduation: June 2025**
Bachelor of Technology and Engineering | Information Technology   *Ahmedabad,Gujarat*
- **CGPA: 9.20/10.0**

Work Experience

ISRO (Indian Space Research Organization)   **January 2025 – Current**
Intern   *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   **April 2024 – May 2024**
Data Science Intern (Virtual Internship)
- **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.

Flywing Overseas   **March 2023 – January 2024**
Multi Media Manager Intern   *Ahmedabad,Gujarat*
- Managed social media platforms for Flywing 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