

# APOORV PATHAK

## COMPUTER SCIENCE STUDENT

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## WORK EXPERIENCE

### Data Science Intern

January, 2023 – March, 2023

INNODATATICS, Gandhinagar

- Worked on an **Emotion Speech Recognition – NLP** project for the company's product called aispry which can predict emotions with an **accuracy of over 70%**.
- Built an **Anti-Money Laundering System** along with **pipeline architecture** and **interactive dashboards** for **business acumen and visualization**.
- Deployed **Machine Learning** models like **XGBoost, LSTM, CNN, Random Forest Classifier, LightBGM, Logistic Regression**, and **Decision Tree** using **streamlit** and **Django** frameworks having an **accuracy of 99.3%**.
- **Supervised** a team of over **150 interns**.

### Data Analyst Intern

May, 2023 – July, 2023

Zoplar, Gurugram

- Built a **Pricing Intelligence System** to analyze clients' conversion rate and determine the **margins** for the products resulting in a **50% increased client conversion rate**.
- Worked on **Inventory Optimization** to help **reduce the inventory holding costs** and **streamlined the process of inventory workflow**.
- Performed **web-scraping** of competitors' websites to analyze the pricing level. Also found potential client leads by **web-scraping** their contact details using **Google Maps API**.
- **Designed dashboards** to **analyze** the overall **operational activities** which helped reduce the blocked working capital, cleared the **procurement dues**, & **automated the process of data flow**.
- Helped the team in organizing the activities of the **Pre-Owned Devices Program** with the **collaboration** of **demand, sales**, and **core team** to help the company **generate revenue and profits**.
- **Streamlined** and **automated** the flow of data from **WATI & Facebook Ads Manager** to **Google Sheets** with the help of **APIs** and analyzed the data to get business insights.

## PROJECTS

### Market Basket Analysis | Python, Data Analysis

[GitHub: Project Link](#)

- Jarvis is an audio assistant that helps the user to shift through the tasks effectively and perform multiple activities simultaneously.
- It is capable of sending emails, browsing YouTube & Google, playing music, and other applications.

### Jarvis – Audio Assistant | Python, Data Analysis

[GitHub: Project Link](#)

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- It is capable of sending emails, browsing YouTube & Google, playing music, and other applications.

### Business Analytics | Power BI, Data Analysis

[GitHub: Project Link](#)

### Data Structures & Algorithms | Java

[GitHub: Project Link](#)

## ROLE OF RESPONSIBILITY

### Secretary

January 2020 – 2024

The Pensieve Club, Literature Committee

- Experience working in teams and organizing multiple events and competitions in the college fests.
- Official Member of the Core Support Team of the TEDxIIITV edition (Speaker – CA Nandini Agarwal and Anuj Kumar Sharma).

## TECHNICAL SKILLS

**Languages:** Python, Java, Google AppScript, HTML/CSS

**Databases:** MySQL, PostgreSQL

**Tools:** Google Sheets, Excel, Power BI, PowerPoint, ZOHO Inventory

**Interpersonal Skills:** Problem Solving, Leadership, Communication, Strategic Thinking, Business Analytics

## EDUCATION

Indian Institute of Information Technology, Vadodara, Gujarat

2020 – 2024

Bachelor of Technology in Computer Science Engineering