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-scrapping** of competitors' websites to analyze the pricing level. Also found potential client leads by **web-scrapping** 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** 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
- 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.

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