

VICKY RAJ

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Portfolio

Profile Summary

Computer Science and Data Analytics undergraduate at IIT Patna with a strong foundation in programming, data analysis, and applied machine learning. Skilled in Python, SQL, Power BI, and data visualization, with hands-on experience in building analytics projects, dashboards, and AI-driven automation tools. Comfortable working across data, systems, and front-end interfaces to convert raw data into clear insights and practical solutions.

Skills

Technical: Python, SQL, Pandas, NumPy, Matplotlib, Seaborn, Power BI, Excel, Data Cleaning, EDA, Time-Series Analysis.

Machine Learning & AI: Data preprocessing, model building (scikit-learn), Generative AI basics, prompt engineering, AI automation tools.

Web & Tools: HTML, CSS, JavaScript, Streamlit, Jupyter Notebook, Google Workspace, GitHub, Canva, CapCut.

Soft Skills: Analytical thinking, problem-solving, communication, adaptability, time management.

Experience and Projects

Coding Jr (Code4Bots Technologies Pvt Ltd)

May 2025 – Aug. 2025

Library Science Intern

Remote

- Managed and updated educational resources, quizzes, and presentations across internal platforms.
- Ensured data accuracy, organization, and accessibility for online learning systems.
- Gained exposure to content workflows, digital tools, and basic analytics processes in a remote environment.

Flipkart Big Billion Days Analysis

2025

Data Analytics Project

- Analyzed sales, revenue, and customer engagement across product categories and cities.
- Visualized trends to identify high-performing products and optimize promotional strategies.

Banking Data Analytics Project

2025

End-to-End Analytics Project

- Performed EDA using Python and MySQL and built interactive Power BI dashboards.
- Extracted actionable insights to support data-driven decision-making in the banking domain.

Travally

2025

AI-powered Tourism Platform

- Built an AI-powered tourism website focused on Bihar, integrating analytics and automation concepts.

Education

Indian Institute of Technology, Patna

Aug. 2024 – May 2027

Bachelor of Science — Computer Science and Data Analytics

CPI: 8.44 (Till Semester 3)

Certifications

OCI 2025 Certified AI Foundations Associate — Oracle University (Sep 2025).

Power BI Workshop — OfficeMaster (Sep 2025).

AI Tools and ChatGPT Workshop — be10x (Apr 2025).

Introduction to Generative AI — Simplilearn (Jan 2025).