

Vishal Jha

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Professional Summary

Proactive and detail-oriented BCA (Hons) student specializing in Artificial Intelligence and Data Science. Proficient in front-end web development, Python-based data analysis, and machine learning. Experienced in creating responsive web applications and visual dashboards using tools like Power BI and Tableau. Passionate about solving real-world and environmental problems using data-driven, scalable tech.

Education

K.R. Mangalam University, Gurugram 2023 – 2027
BCA (Hons) – Artificial Intelligence & Data Science
GPA: 8.6 / 10

Experience

Data Analyst Intern, Trainity – New Delhi Jan 2024 – Apr 2024

- Analyzed Instagram datasets using SQL and Excel to derive actionable insights.
- Built Power BI dashboards to automate engagement reports and visualize trends.
- Conducted exploratory data analysis using Pandas and visualized KPIs with Matplotlib.

Technical Skills

- Languages:** Python, SQL, JavaScript, HTML5, CSS3
- Web Development:** React.js, Bootstrap, Tailwind CSS, Flask, Git & GitHub, Vercel
- Data Science:** Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn
- Tools/Platforms:** Power BI, Tableau, MySQL, MongoDB
- Key Skills:** Data Analysis, BI Reporting, Frontend Development, Team Collaboration

Projects

Global Development Indicators Dashboard – Power BI
GitHub

- Built comprehensive Power BI dashboard analyzing 1,000+ socio-economic indicators across 200+ countries using World Bank data.
- Implemented advanced DAX calculations for dynamic KPIs, rankings, and trend analysis with interactive visualizations.
- Technologies:** Power BI, DAX, Power Query, Data Modeling, Data Visualization, World Bank API

Heart Disease Risk Analysis Dashboard – Power BI
GitHub

- Developed interactive Power BI dashboard using real-world clinical data from Kaggle to identify heart disease risk factors.
- Utilized Python for data preprocessing and advanced DAX logic for comprehensive insights.
- Technologies:** Power BI, Python, Pandas, NumPy, DAX, Data Modeling

AeroPulse AQL.AI - Smart Air Quality Prediction
Live Demo — GitHub

- AI-powered air quality prediction platform using machine learning models to forecast AQI levels.
- Features real-time data visualization, interactive dashboards, and predictive analytics for environmental monitoring.
- Technologies:** Python, Pandas, NumPy, Scikit-learn, Streamlit, Machine Learning

Wecofy – Eco-Friendly E-commerce Platform
Live Site — GitHub

- Built sustainable e-commerce site with product filters, issue reporting, and responsive design.
- Planned backend API integration using Flask for user feedback submission.

Certifications

- **Microsoft:** Fundamentals of Generative AI (2024), Get Data with Power BI (2024)
- **IBM:** Data Analysis with Python (2023)
- **Google:** Google Analytics (2024)
- **Trainity:** MySQL & DBMS – Live Project Certificate (2024)
- **Be10x:** Power BI – Data Visualization (2024)
- **Great Learning:** Frontend Dev (CSS) (2024)

Additional Information

- **Languages:** English, Hindi
- **Strengths:** Problem Solving, Teamwork, Self-Motivated
- **Portfolio:** vishal-jha.vercel.app