

Vaishnavi Bhambure

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EDUCATION

2022-2024 – M.Sc (Data Science & Big Data Analyst) – B.K Birla College

2019-2022 – B.Sc (Computer Science) – B.K Birla College

SKILL

Programming: Python, Basic C#, Core Java

Database Management: Relational databases and SQL queries,PostgreSQL

Web Development: Html, Css ,Javascript, FastAPI, REST API Development, Microservices Architecture

Software Development: OOP, flask, NET Core Frameworks,.NET Frameworks,Version Control (GitHub)

Software Testing: Automation ,Mannual ,Selenium,Jira

Data Manipulation: Data preprocessing, cleaning using Python

Machine Learning: Predictive modeling and classification.

Softskills: Problem Solving,Critical thinking, Communication

INTERNSHIP

Software and Data Science Associate, RGS Technologies.

Oct-2024-Jan 2025

- 1.Collaborated with the data science team to train, fine-tune, and monitor machine learning models, optimizing prompt accuracy and model performance.
- 2.Developed an automated pipeline for fine-tuning and model monitoring, improving deployment efficiency.
- 3.Worked with software developers to enhance the backend of a large microservices application, improving scalability and functionality across 30+ modules.

Data Analyst Intern, Metrix Food and Pharma

Dec 2023-Mar2024

- 1.Collaborated with the data analytics team to analyze and interpret customer behavior data.
Assisted in generating actionable insights from large datasets to inform marketing strategies

Data Science Intern , TCS ROI

Oct 2023- Dec 2024

- 1.creating a robust smartphone ranking system. Through meticulous data preparation, model development, and application design, we have provided consumers with a valuable tool for making informed smartphone choices. Key findings reveal the critical features influencing smartphone pricing, while the Streamlit application offers a user-friendly platform for accessing these rankings.
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CERTIFICATES

- 1.Machine Learning through Coursera
 - 2.Web Development
 3. Software testing through Edubridge
 4. Jhoomla and Inkscape By IIT Bombay
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PROJECTS

1.Rank Features of a Smartphone Build a Python Application to Classify and Rank Dataset

- The application would help consumers to choose the right smartphone for their needs by allowing them to classify and rank features based on their individual preferences.

2.Task Management Web Application

- Applied K-Means clustering to group customers based on purchasing behavior
- Presented findings to a team of peers, highlighting actionable insights for marketing strategies

3.Personal Portfolio Website with FastAPI and PostgreSQL

- Develop a personal portfolio website to showcase your skills, projects, and experience. The website will allow visitors to interact with your content, view your resume, and contact you directly through a form. This project will demonstrate your web development, backend and basic frontend technologies (HTML, CSS, JavaScript).