Ritik Barnwal

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Portfolio: https://theritikbarnwal-portfolio.vercel.app | **LinkedIn: https://www.linkedin.com/in/theritikbarnwal/**

Aspiring Data Engineer | Skilled in Python, Web Scraping, Power BI, & Data Visualization. Passionate about transforming raw data into actionable insights through modern tools, automation, and analytical thinking. Adept at problem-solving, project management, and thriving in fast-paced environments that demand adaptability and strong communication skills. Eager to contribute to data-driven projects and take on challenging opportunities in data engineering and full- stack analysis.

PROJECT

- **ServiceNow Job Scraper with CI/CD (Scraping & Automation)** –
    - Developed a JavaScript scraper using Playwright to extract job titles, locations, experience, and descriptions from **ServiceNow** job listings.
    - Automated daily scraping using GitHub Actions, storing results in JSON format.
    - Ensured fresh, structured job data without manual effort.
- **NLP Techniques for Text Analysis** –
    - I built an NLP-based system to classify customer support tickets, using text cleaning, tokenization, and stopword removal.
    - I applied TF-IDF for feature extraction and trained a Naive Bayes model for ticket prediction.
    - I implemented a live input feature to predict and log ticket categories in real-time, automating support tasks utilized machine learning to improve classification accuracy.
- **Dashboard for YHills using Power BI** –
    - I designed an interactive Power BI dashboard to visualize key educational data for **YHills**.

- **GitHub Repo Search | Churn Prediction | e-com website(frontend)**

    All project sources are available on my Github: https://github.com/theritikbarnwal

EDUCATION

- **Bachelor's Degree(Pursuing) - Data Science**   Jul 2023 - Jul 2026
  CMR University, Bengaluru
- **Higher Secondary (12th) – PCM**   Aug 2021 - Mar 2023
  St. Xavier's Higher Secondary School, Bettiah, Bihar
- **Matriculation (10th)**   Jun 2020 - Mar 2021
  Federal Public School, Bengaluru

TECHNICAL SKILLS

- Python Programming
- JavaScript
- Web Development (Frontend)
- Machine Learning
- SQL

TOOLS

- Github
- VSCode
- PowerBi

LANGUAGE

- ENGLISH | HINDI | KANNADA(Intermediate)

CERTIFICATION

- **NPTEL:** The Joy of Computing Python   Jul 2024 - Oct 2024
- **Yhills:** Machine Learning *https://cert.diceid.com/cid/F9gjmbgfSP*   Jul 2024 - Sep 2024
- **Yhills:** PowerBI *https://cert.diceid.com/cid/hYejjGukCy*   Aug 2024 - Aug 2024