

Jainish Shingala

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EDUCATION

Indiana University

Master of Science in Data Science | GPA: 3.87

Coursework: Statistics, Data Visualization, Applied Machine Learning, Database Design.

Bloomington IN, USA

August 2022–May 2024

SKILLS

- **Programming Languages:** Python, R, SQL, Linux, HTML, CSS, JavaScript
- **Packages:** NumPy, Pandas, Matplotlib, Plotly, Seaborn, Scikit-Learn, SciPy, Beautiful Soup
- **Tools:** Tableau, Power BI, Quicksight, Git, Snowflake, Microsoft Excel, Adobe Creative Suite
- **Statistics:** Descriptive Statistics, Inferential Statistics (Hypothesis Testing, Confidence Intervals, and P-values)
- **Certifications & Courses:** AWS Certified: Solutions Architect Associate, ChatGPT for Prompt Engineering

PROFESSIONAL EXPERIENCE

Indiana Public Media

Data Analyst - Contractor

Bloomington IN, USA

July 2023–November 2023

- Created data visualizations and reporting strategies post-private equity buyout, delivering actionable insights that informed the impact of operational efficiency within the media industry in South Central Indiana.

DeveloperDB

Data Science Intern

Sunnyvale CA, USA

June 2023–August 2023

- Conducted data analysis, including data pre-processing, exploratory data analysis (EDA), and feature engineering, to support the development of data-driven insights and strategies. Developed data pipelines to enhance employee churn prediction, leveraging advanced techniques like GPT API prompts to transform unstructured text data.

Infosys Limited

System Engineer

Pune MH, India

August 2021–August 2022

- Developed custom web applications tailored to the needs of clients within the banking industry, utilizing LAMP stack technologies. Worked on MySQL database, optimized queries, and ensured data integrity. Transformed front-end user interfaces using HTML, CSS, and JavaScript, ensuring a seamless user experience.

Futuristixhub LLP

Data Analytics Intern

Ahmedabad GJ, India

June 2021–August 2021

- Collaborated with stakeholders to identify data requirements and goals, performed ETL processes to collect and preprocess data. Conducted EDA and utilized machine learning techniques to build predictive models, achieving 79% accuracy in prediction through hyperparameter tuning.
- Streamlined reporting processes by leveraging Tableau, providing real-time KPI tracking to stakeholders, enabling faster data-driven decision making.

SELECTED PROJECTS

Illuminating New York's Artistic Landscape: A Visual Expedition ([Power BI Dashboard](#))

- Led a winning entry in the Fall'23 CCA Data Visualization Contest. Employed Power BI dashboards offering insights into CRNY's impact on diverse applicants, enrolment dynamics, and survey responses. ~Microsoft Copilot Integration, KPIs

Credit Card Fraud Transaction Detection

- Developed an algorithm that identifies the potential fraudulent use of credit cards with 92% F1-score in the payment environment. ~XGBoost, CatBoost, Random Forest, PCA.

EXTRA-CURRICULAR ACTIVITIES

Research Assistant (December 2023 - Present) | **Graduate Teaching Assistant** (Jan 2023 – May 2024) | **FIPI PDEU**

Student Chapter – Secretary (2020-21), Graphic Designing Head (2019-20)