

Jainish Shingala

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EDUCATION

Indiana University

Master of Science in Data Science | GPA: 3.86

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, AWS 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

DeveloperDB

Data Science Intern

Sunnyvale CA, USA

June 2023–August 2023

- Worked on end-to-end data science lifecycle including data pre-processing, EDA, feature engineering, and predictive analytics to develop a ML product. Implemented data pipelines for effective employee churn prediction leveraging advanced techniques such as GPT API prompts to transform unstructured text data.
- Employed Cox regression and Kaplan-Meier survival analysis for predictive insight achieving 97% c-index.

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](#)

Paper Cuts: When Private Equity Firms Control Local Newspapers

- Directed data visualization and reporting efforts of post private equity buyout in the media industry, South Central Indiana. Delivered actionable insights on operations, enabling informed decision-making and strategic optimizations.

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

Data Analyst at Indiana Public Media (July 2023 - November 2023) | **Graduate Teaching Assistant** (Jan 2023 - Present) |

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