

Jainish Shingala

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EDUCATION

Indiana University

Master of Science in Data Science | GPA: 3.78

Coursework: Statistics, Applied Machine Learning, Applied Algorithms, Database Design.

Bloomington IN, USA

Aug 2022–May 2024

SKILLS

- **Programming Languages:** Python, R, SQL, Linux, HTML, CSS, JavaScript
- **Packages:** Scikit-Learn, NumPy, Pandas, Matplotlib, Plotly, Beautiful Soup, TensorFlow, PyTorch, Keras, OpenCV
- **Tools:** Tableau, Power BI, Docker, Streamlit, Git, Jupyter Notebook, Adobe Creative Suite
- **Certifications and Courses:** AWS Certified: Solutions Architect Associate, Lean Six Sigma Green Belt, ChatGPT Prompt Engineering for Developers

PROFESSIONAL EXPERIENCE

DeveloperDB

Data Science Intern

Sunnyvale CA, USA

Jun 2023–Aug 2023

- Collaborated with a 5-member team to execute end-to-end data science lifecycle including data pre-processing, Exploratory Data Analysis (EDA), and predictive analytics.
- Implemented ML data pipeline collaborating with a cross-functional team, leveraging advanced techniques such as GPT API prompts, and TFIDF, to transform unstructured text data, resulting in a 40% reduction in processing time and a 15% increase in data accuracy.
- Developed machine learning models, including Cox regression and Kaplan-Meier survival analysis, achieving 97% concordance index, and presented actionable insights based on model results to higher management.

Infosys Limited

System Engineer – LAMP Stack Developer

Pune MH, India

Aug 2021–Aug 2022

- Developed custom web applications using LAMP stack technologies, engaging with clients to address specific needs. Optimized MySQL database queries, resulting in enhanced data integrity and a seamless user experience.
- Implemented user-friendly front-end interfaces with HTML, CSS, and JavaScript, while also cultivating problem solving skills and delivering high-quality solutions.

Futuristixhub LLP

Data Analytics Intern

Ahmedabad GJ, India

Jun 2021–Aug 2021

- Collected data from MySQL database server, executed ETL processes, and performed EDA for insightful data processing. Built a predictive machine learning model with 79% accuracy leveraging cross-validation techniques and hyperparameter tuning.
- Leveraged Tableau to create interactive dashboards, providing stakeholders with real-time KPI tracking, enabling data-driven decision-making.

SELECTED PROJECTS

YouTube Comments Analyzer

- Employed Google API for seamless data scraping, Text Blob for sentiment analysis, and GPT API to generate tailored response suggestions for video creators. Orchestrated MLOps pipeline for efficient deployment of the interactive Streamlit web app on AWS ECS and EC2. ~Sentiment Analysis, Web Scraping.

Bank Customer Churn Analysis

- Conducted a comprehensive analysis of bank customer churn, identifying key drivers and providing actionable recommendations to enhance retention and satisfaction, leading to improved business outcomes. ~Tableau.

EXTRA-CURRICULAR ACTIVITIES

- Organized and led 100+ events, workshops, and social initiatives as Secretary of the FIPI PDEU Student Chapter, managing a team of 70 members to strengthen industry-academia ties.
- Volunteered with Khamir NGO for 21 days, engaging with rural communities, and identifying development opportunities, and mapping traditional craftsmanship skills.