

Yash Bhavsar

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Education

University of Illinois Urbana-Champaign

Urbana, Illinois

Master of Science in Information Management GPA: 4.00 / 4.00

August 2023 - May 2025

- Coursework: Data Visualization, Data Statistical Models and Information, Methods of Data Science

K.J. Somaiya Institute of Engineering and Information Technology

Mumbai, Maharashtra

Bachelor of Technology in Information Technology GPA: 3.86 / 4.00

August 2019 - June 2023

- Coursework: Natural Language Processing, Machine Learning, Database Management, Data Mining

Experience

FLANDERS Inc.

Evansville, Indiana

Business Intelligence Intern

December 2024 - Present

- Gained hands-on experience with **Microsoft Report Builder** by deploying SSRS reports, enabling stakeholders to retrieve critical data through automated reporting mechanisms, eliminating the need for direct SQL Server access
- Designed and implemented multiple **stored procedures in SQL Server** to enhance data retrieval and streamline report generation, improving the speed and efficiency of decision-making processes
- Supported data accessibility for stakeholders by developing intuitive reports that allowed for real-time monitoring of key metrics, ensuring accurate, up-to-date information for operational planning

FLANDERS Inc.

Evansville, Indiana

Data Analyst Intern

May 2024 - November 2024

- Identified and analyzed discrepancies in drilling times and pause durations across multiple mining sites by processing **10 million rows** of data using SQL Server, creating stored procedures for improved data efficiency
- Independently worked & utilized Python to generate visualizations, uncovering inefficiencies in drilling operations and pause behaviors of drilling machines across **13 mining sites**, leading to actionable insights
- Delivered data-driven recommendations that resulted in optimized machine performance and a more efficient scheduling process across sites, contributing to enhanced operational productivity by a **margin of 30%**

StandardWings Technologies

Mumbai, Maharashtra

Data Analyst Intern

June 2021 - July 2021

- Developed a Flask-based web application for HR management, utilizing MongoDB for data processing and automate workflows, and demonstrated multitasking along with ensuring attention to details in database optimization
- Designed and implemented interactive dashboards using Power BI for KPI tracking, enhancing business intelligence and providing insights for decision-making, highlighting analytical thinking in data analysis and data management
- Created a leave management system, leading to a 50% reduction in workload, and implemented corrective actions to improve system functionality, showcasing adaptability skills and problem solving abilities

Hackathon Projects

YogAit | Python, CNN, OpenCV, MySQL

- Developed a posture-enhancing web application utilizing the BlazePose model with 92% accuracy, applying quantitative and qualitative analytical skills to optimize and improve user experience in virtual yoga sessions
- Leveraged MySQL for data management, showcasing expertise in data integration and data quality control to elevate the user experience in virtual yoga sessions

UNdisEASE | Python, Flask, Jinja2, Bootstrap

- Designed a disease prediction web app with 85% accuracy using XGBoost, optimizing Predictive modeling for patient data management, while actively engaging in collaboration with healthcare professionals to refine features
- Conducted Exploratory Data Analysis (EDA) to identify health indicators, ensuring system compliance with Electronic Health Records (EHR) standards, which required strong problem-solving and attention to details

Technical Skills

Languages: Python, SQL, R Scripts | **Libraries –** Pandas, Keras, NumPy, PyTorch, TensorFlow, Scikit-Learn, OpenCV

Analytics Tools: Power BI, Google Analytics, Microsoft Excel, Word, Powerpoint, Plotly, Tableau, Matplotlib

Data Engineering: MongoDB, Django, Flask, SQLite, PostgreSQL, Git, Snowflake, SSMS, SSRS, Google Cloud