Ashutosh Dashrath Kashid

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EDUCATION

Master of Science in Information Systems, Syracuse University **May 2026**

Relevant Coursework: Business Analytics, Visual Analytic Dashboards, Data Administration Concepts and Database Management, Managing Information Systems Projects

Bachelor of Engineering in Computer Engineering (Minor in Data Science), DYPatil University **Apr 2024**

Relevant Coursework: Data Structure, Operating Systems, Computer Networks, Statistical Data Analysis, Computer Vision, Artificial Intelligence, Social Network Analysis, Natural Language Processing

SKILLS

Programming Languages: Python, SQL, R, HTML, CSS, JavaScript

Frameworks & Libraries: Pandas, NumPy, Django, Flask, React, Bootstrap, REST API, JSON, OpenCV, Selenium, Scikit-learn, TensorFlow, Matplotlib, Seaborn

Databases: MySQL, MS Access, Advanced MS Excel

Developer Tools & Cloud Platforms: Git, GitHub, Power BI, Tableau, Jupyter Notebook, PyCharm, VS Code, Anaconda, Azure Data Studio, AWS, MS PowerPoint

EXPERIENCE

Splendor Security Services | Full Stack Developer **Jan 2024 – Jul 2024**

- Programmed and deployed a Client Service Management System with Python and Django, optimizing client data management and service tracking, leading to a **40% gain** in operational efficiency and strengthening client relationship management.
- Built and implemented an Employee Attendance System leveraging Python and Django, automating attendance tracking and reporting, reducing manual intervention by **50%** and boosted data accuracy by **60%**.

ORNET Technologies | Data Science Intern **Jun 2023 – Jul 2023**

- Developed and launched a text-matching web application build on Python and Django to harmonize voter data across Excel sheets and databases, improving data precision by **40%**.
- Streamlined reporting workflows by automating manual reports and migrating into an interactive Power BI dashboard, reducing report generation time by **35%**.
- Drove insight-driven decision making for executives by delivering real-time insights, saving **15+ manual hours** per week and increasing reporting accuracy.

PROJECTS

Public Health Insights Dashboard (Tableau)

- Engineered a multi-page Tableau dashboard with 4 dashboards (Behavioral Health, Chronic Diseases, Disability, Health Trends), built from 3 Excel datasets (**10K+ records**) after ETL (data cleaning and transformation), enabling better business intelligence and decision-making.
- Created **10+** interactive visualizations (maps, treemaps, bubble charts, line graphs, pie charts) **optimizing analysis speed by 40%**, allowing faster identification of demographic patterns and health disparities.

YouTube Sentiment Analysis

- Analyzed **10,000+** social media comments using Python (Selenium, NLTK), R, and REST APIs; classified sentiment (positive/negative/neutral) and stored insights in MySQL to support audience perception analysis.
- Delivered sentiment trends **improving campaign strategy effectiveness by 20%** and presented insights through executive-level PowerPoint reports for stakeholder communication while demonstrating strong NLP and analytical skills.

Movie Recommendation System

- Designed a personalized recommendation engine build in Python, Pandas, SQL, TensorFlow and React, integrating IMDb datasets (movies, ratings, genres) to analyze **50K+ records** and generate actionable business insights.
- **Achieved a 22% lift** in recommendation accuracy through collaborative and content-based filtering, and deployed real-time recommendations via a Flask backend integrated with a React front-end to enhance user experience and support data-driven decision-making.

CERTIFICATIONS & PUBLICATIONS

- Business Analytics – Harvard Business School | Sep 2021
- IT Automation with Python – Google | Aug 2022
- Entrepreneurship Essentials – Harvard Business School | Jun 2023
- Certified Scrum Master (CSM)
- Co-authored research paper: "Customer Churn Prediction for the Telecom Industry", published in the **International Journal of Information Technology and Electrical Engineering (ITEE Journal), Vol. 13, Issue 2, April 2024.**