

Umesh Uddar

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EDUCATION

University of Southampton

Data and Decision Analytics

Southampton, UK

Oct. 2023 – Sep 2024

BMS College of Engineering

Mechanical Engineering

Bengaluru, India

Aug. 2015 – June 2019

EXPERIENCE

Data Science Intern

May 2024-Present

The National Museum of the Royal Navy

Portsmouth, UK

- Developed Python scripts utilizing Inception v3 to effectively deduplicate large-scale image datasets, achieving accuracy rates exceeding 95% and optimizing storage utilization.
- Designed and implemented a user-friendly UI using Streamlit, enabling stakeholders to visualize key metrics and compare duplicate images seamlessly, enhancing decision-making processes.
- Implemented preprocessing optimizations that reduced data processing time by 43%, leveraging advanced techniques in data handling and algorithmic efficiency.

Data Scientist(Fintech)

Feb 2022 – Sep 2023

Repute Networks Pvt Ltd.

Bengaluru, India

- Developed Python code to automate web scraping utilizing APIs and Selenium, enabling an online loan service provider to extract and deliver valuable data. Reduced manual effort by 80% and accelerated data delivery by 50%.
- Wrote and implemented efficient functions using Python to parse URLs, tokens, and pay slips, resulting in a 40% increase in data processing efficiency.
- Designed and meticulously trained a machine learning model with an impressive 93.8% accuracy, enabling precise prediction of loan repayment likelihood. This model significantly enhanced risk assessment.
- Leveraged advanced computer vision techniques to automate the seamless extraction of data from uploaded documents, achieving an exceptional accuracy rate of 98.2%. This innovation remarkably streamlined document processing, enhancing efficiency and precision.

Business Analyst(Edtech)

Sep. 2021 – Feb 2022

eTutor World Corporation

Bengaluru, India

- Conducted customer churn analysis and implemented strategies that resulted in a 5% month-over-month growth
- Designed and executed SQL queries to validate the database
- Generated territory alignment and assigned representatives accordingly, gaining 18% more reach and 15% cost-cutting
- Conducted A/B testing of the product, leading to a significant increase in the click rate by 25%

Executive- Data Management

Dec 2020 – Sep 2021

Advith Consulting LLP(Fintech)

Bengaluru, India

- Managed and maintained a database, created reports, and prepared a data backup strategy, resulting in a 98% data availability rate
- Analyzed business requirements from user input and existing systems, leading to a 20% improvement in system efficiency and accuracy
- Prepared testing scenarios, test cases, and test environments, contributing to a 15% reduction in software bugs and enhancing overall system reliability
- Expertly interpreted complex data, transforming it into insightful analytical reports that provided actionable strategies, leading to a 25% increase in business performance and growth

TECHNICAL SKILLS

Languages: Java, Python, SQL, multi-TB , HTML/CSS, R

Visualization tools:PowerBI, MS Visio, Excel, VBA Programming, Tableau, ETL

Developer Tools: Git, Docker, TravisCI, AWS(S3, EC2, Sagemaker), VS Code, PyCharm, IntelliJ, Eclipse

Framework and Libraries: Numpy, Pandas, Matplotlib, Seaborn, Keras, Tensorflow, ComputerVision, FlaskAPI, FastAPI, Beautiful Soup, LLM (Open AI, Hugging face, RAG, Langchain), Google Analytics, SEO

Automation: Selenium, Pipedream, Power Automate, Web crawling, API, Metabase, ZOHO CRM, Agile