

EDUCATION

University of Leicester

Leicester, England

MSc Advanced Computer Science

Sept 2023 - Present

Classification: 2:1 (Predicted)

Relevant Coursework: Mobile and Web Application, Advanced Web Technologies, Agile Cloud Automation, Internet and Cloud Computing, Service Design, Service Oriented Architecture, Big Data and Predictive Analysis.

Lokmanya Tilak College of Engineering

Mumbai, India

Bachelor of Computer Engineering

08/2018 – 07/2022

Modules: Machine Learning, Linear Algebra, Statistics & Probability, Design & Analysis of Algorithms and Database Management Systems.

WORK EXPERIENCE

Burns And McDonnell

Mumbai, India

Software Engineer

07/2022 – 08/2023

- Designed and implemented data engineering pipelines in a Palantir environment using Python, resulting in a 30% increase in data processing efficiency and a 25% reduction in data transformation time.
- Enhanced data retrieval by 40% through the use of SQL Server with C# .NET Core API, enabling real time access to large datasets. Prepared views for integration with Power BI via API connections, ensuring seamless data analysis in a Palantir environment.
- Designed API's employing Asp net core Minimal API while adhering to best practices along with Swagger UI for testing.

SKILLS

- **Programming Languages:** C, C#, Java, Python(1 year), SQL(2 years), JavaScript.
- **Frameworks :** ASP.NET Core(1 year). • Big Data and Machine Learning(4 months): NumPy, Pandas, Sklearn.
- **Cloud Technologies :** Microsoft Azure (Resource Groups- SQL SERVER), Amazon Web Services (1 year) (Lambda, Dynamo DB, Amplify, Cloud Watch, API gateway and Elastic container service)
- **Technologies:** Microsoft Excel, Git, Docker, Postman API, Scrum, Jira.

PROJECTS

[Predictive Analysis of Diabetic Dataset](#) : (Python | Logistic Regression)

- Utilized logistic regression for data training to train a predictive model on a dataset comprising over 100,000 rows, achieving a commendable accuracy rate of 72%.
- Applied meticulous data cleaning techniques to enhance dataset quality and performed thorough visualization to identify outliers. Implemented oversampling methods to address data imbalance effectively.

[British Airways Data Science Job Simulation on Forage - May 2024](#): (Python | KNN)

- Completed a simulation focussing on how data science is a critical component of British Airways success
- Scraped and analysed customer review data to uncover findings
- Built a predictive model to understand factors that influence buying Behaviour

CERTIFICATIONS

- SQL Basics ([HackerRank](#))
- SQL Intermediate ([HackerRank](#))
- Machine Learning Foundations : Linear Algebra ([LinkedIN](#))
- British Airways Data Science Job Simulation ([Forage](#))
- Commonwealth Bank Introduction to Data Science ([Forage](#))
- Data Engineering Foundations ([LinkedIN](#))