VARUN RAHUL SHIRALKAR

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EDUCATION

Master of Science in Business Analytics

University College Cork, Cork, Ireland   ***Sept 2023 - Sept 2024***
Grade: 1.1 (First Class Honours)

Major Project: - Developed a machine learning model with Python & SQL for loan default prediction and credit risk assessments; created Power BI dashboards providing actionable insights, enhancing financial risk management.

Bachelor of Engineering in Computer Technology

Yeshwantrao Chavan College of Engineering   ***July 2017 - July 2021***
Cumulative Performance Index: 7.11/10 (First Class)

Major Project: - Developed a python-based application for handwriting recognition and character analysis.
Mini Project: - Created a python program for detecting fake news.
Seminar: - Developed a python program for web scraping information from Steam.

KEY SKILLS

Python | SQL | Excel | Power BI | AWS | Microsoft Office | Splunk | Qlik | Project Management | Technical Documentation | Agile Methodologies | UAT | Basic IT Concepts | Basic IT Security

EMPLOYMENT

Analyst   ***Sept 2022 - May 2023***
Deloitte US India | *Mumbai, India*

- Collaborated in developing architectural diagrams for migrating historical client data and played a key role in the successful migration of 719 core data tables to Aurora DB. Conducted in-depth data analysis and comparison of those tables between on-prem data source and AWS client, ensuring accuracy and avoiding data discrepancies.
- Crafted SQL queries using Toad for SQL, facilitating data insertion and table updates, and configured AWS Glue job settings to optimize worker nodes and types, resulting in 7% increase in processing efficiency and reducing the job runtime by 2.8 minutes.
- Provided technical support to debug and test Glue job code, reducing errors by 8%

Intern Analyst   ***Sept 2021 - Sept 2022***
Deloitte US India | *Mumbai, India*

- Analyzed various DB2 mining documents and collaborated on creating architectural diagrams for data migration to AWS cloud.
- Developed CloudFormation templates for various AWS services
- Constructed 10 SQL queries for Aurora DB, establishing the groundwork for enhanced data management and integration.
- Provided technical support for data migration scripts and played a key role in data loading from DB2 to S3 in Qlik, improving operational efficiency by 10%.
- Utilized the Splunk tool for visualizing data from AWS logs.

REFERENCES
Available on Request