

VARUN SHIRALKAR

vrshiralkar@gmail.com | +353 0892138640 | Dublin, Ireland

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Data Analyst | Business Analyst

PROFILE

Data Analyst with nearly 2 years of experience in data management and analytics. Proficient in Power BI and SQL for developing and refining queries, with skills in AWS for data storage, processing, and migration. Experienced in utilizing Python for data exploration, analysis, and machine learning. Skilled at turning complex data into clear, actionable insights, with strong communication skills and the ability to work well with cross-functional teams. Looking to apply my skills in a dynamic environment to support business success and innovation.

EDUCATION

Master of Science in Business Analytics

University College Cork, Cork, Ireland

Grade: 1.1 (First Class Honours)

Sept 2023 - Sept 2024

Project (Group)

Title: - Advanced Credit Risk Analytics

Synopsis: Study of Machine Learning with Python and SQL to develop a website for loan lending decisions, featuring loan default prediction, LGD estimation, and other credit risk assessments. Also created Power BI dashboards that provided actionable insights, enhancing financial risk management.

Bachelor of Engineering in Computer Technology

Yeshwantrao Chavan College of Engineering

Cumulative Performance Index: 7.11/10 (First Class)

July 2017 - July 2021

Project (Group)

Title: - Major Project on Handwriting Recognition and Character Analysis

Synopsis: Study of Machine Learning with Python language, and developing an application which identifies a writer based on the text written by him/her.

Project (Group)

Title: - Mini Project on Fake News detection

Synopsis: Study of Machine Learning with Python language, and developing a program which detects whether news is real or fake.

Project (Individual)

Title: - Seminar on Web Scraping

Synopsis: Study of Web Scraping and creating a program to extract information from Steam (a video game digital distribution service).

TECHNICAL SKILLS

- **Programming:** Proficient in Python, with experience in Pandas for data manipulation and PySpark for big data processing.
- **Database:** Advanced skills in SQL for crafting and optimizing queries; experienced in data management and analysis.
- **Cloud Services:** Experienced in AWS for data storage, processing, and migration.
- **Data Visualization:** Expert in Power BI for designing interactive dashboards and reports.

EMPLOYMENT

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

- Participated in the development of architectural diagrams for migrating historical client data.
- Conducted in-depth data analysis and comparison of 719 tables between on-prem data source and AWS client.
- Crafted SQL queries to facilitate data insertion, table updates, and the adjustment of worker nodes and types for Glue jobs, specifically for tables eligible for historical data migration.
- Provided support in debugging Glue job code to ensure seamless data migration.
- Successfully executed testing and oversaw the migration of 719 core client data tables to the Aurora DB.

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

- Developed CloudFormation Templates for multiple AWS services.
- Conducted analysis on various mining documents, and crafted architectural diagrams.
- Constructed 10 SQL queries for inserting and updating tables in Aurora DB.
- Provided support for data migration script development.
- Played a critical role in Qlik data loading from DB2 to S3.
- Utilized the Splunk tool for visualizing data from AWS logs.

INTERESTS

- Passionate about photography; served as Co-Head of the Photography Department in my college's Computer Technology Department.
- Enthusiast of team sports and strategic games, including cricket, football, and chess.
- Actively engaged in education and blood donation camps, cleanliness drives, and charity work, including regular donations of food, clothes and essentials.

REFERENCES

Available on Request