

# VARUN SHIRALKAR

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## Data Analyst | Business Analyst

### PROFILE

Data Analyst with 2 years of experience in data migration, analytics, and management, along with a strong foundation in basic IT concepts and security principles. Proficient in SQL, Python, Excel, Power BI and AWS Services. Expert in ETL and deriving actionable insights to drive business growth and innovation. Strong communicator with a proven ability to collaborate effectively with cross-functional teams. Committed to providing impactful solutions through my expertise.

### 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).

## KEY SKILLS

Python (EDA, visualization, machine learning, PySpark for data processing) | SQL (database management, data analysis, complex query writing) | Excel (data analysis, visualization) | Power BI (business intelligence, dashboard design and reporting) | AWS (cloud computing for data storage and processing) | Microsoft Office (Word, Outlook, PowerPoint) | Project Management | Technical Documentation | Agile Methodologies | User Acceptance Testing (UAT)

## 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, enhancing operational efficiency by 28%.
- 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