

# VARUN RAHUL SHIRALKAR

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Stamp 1G

## PROFILE

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Analyst with two years of practical experience in data analytics, management, and migration. Committed to solving complex problems and enhancing business operations through effective communication and teamwork. Enthusiastic about technology and dedicated to delivering high-quality, impactful results.

## EDUCATION

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### **Master of Science in Business Analytics**

University College Cork, Cork, Ireland

**Sept 2023 - Sept 2024**

Grade: 1.1 (First Class Honours)

Major Project: - Designed 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, Nagpur, India

**Jul 2017 - Jul 2021**

CGPA: 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: - Authored a python program for web scraping information from Steam.

## KEY SKILLS

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

## EMPLOYMENT

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### **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%.
- Analyzed data from AWS logs using the Splunk tool.

REFERENCES: Available on Request