# ANKIT PATEL

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## Professional Profile

An energetic Data Consultant with a strong Data Engineering and Software Development background actively seeks an exciting role in the field. With two years of experience in Data Engineering, he has honed his skills in Python and SQL, enabling him to excel in database systems, data pipelines, analysis, interpretation, warehousing, and requirement gathering. He possesses a deep understanding of project management methodologies and is skilled in utilising Azure and Databricks cloud services. Known for being a quick learner and a problem-solver, he demonstrates meticulous attention to detail and exceptional planning, analysis, data visualisation, organisation, and time management skills. His effective communication and collaboration abilities make him an asset to technical and project teams, allowing him to contribute to diverse IT-related projects.

## Technical Proficiency

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|---|---|
| Databases | Databricks, MySQL, MongoDB, SQL Server |
| Programming Languages | Python, R Programming, SQL including various dialects |
| Development Tools | Cypress, Umbrello Modeller |
| Cloud and Others | Microsoft Azure, Databricks |

## Career Summary

👤 **Data Consultant**                                                                     2021 – Present
💼 Redkite, United Kingdom

**KEY HIGHLIGHTS**
- Troubleshooting data pipeline issues, taking ownership of L2 and L3 support requests for data processing and issue identification.
- Utilizing Python and SQL proficiency to resolve technical tickets on a Massively Parallel Processing (MPP) system.
- Working with Azure Cloud services for monitoring and resolving data pipeline issues for various clients.
- Applying SQL expertise to address technical tickets related to the Databricks platform.
- Documenting and executing the process for data collection from multiple countries through pipelines, ensuring data consistency.
- Conducting routine checks across multiple accounts to verify daily client data delivery.

**RESPONSIBILITIES**
- Orchestrating end-to-end data ingestion, warehousing, harmonization, and validation.
- Supervising the integration of new data sources (e.g., new nations) into existing pipelines and maintaining updated process documentation.
- Monitoring and tracking task progress using Azure DevOps Board to enhance team communication.
- Cultivating positive customer relationships across projects, resolving complex issues, and maintaining oversight.
- Continuously improving techniques and procedures in alignment with industry best practices for scalability.
- Handling request tickets received via the ServiceNow platform, including access requests and data removal in Azure Storage Explorer.
- Monitoring Power BI reports during monthly data submissions from various nations to address potential data-related issues.
- Creating and implementing Change Request forms for engineering teams and clients to facilitate modifications in the Live Environment.
- Sharing technical features with clients during monthly service reviews.
- Creating documentation for API Endpoints using Swagger UI

**Automation Tester (Intern)**                                                   2020 – 2021
Siemens Mobility, United Kingdom

**KEY HIGHLIGHTS**

- Developed and maintained test documentation (test plan, test cases, test reports) for each UI module tested according to the methodology for testing in force.
- Executed the assigned task in a timely fashion and worked within the deadline as a team.
- Created a test framework from scratch and automated different test scenarios using JavaScript.
- Automating API endpoints.
- Creating test data for the automated test cases.
- Attention to detail and a keen eye for bugs have resulted in the smooth and successful delivery of the software.
- Performed steps such as Data Extraction from Stratos website.
- Data preprocessing was carried out concerning data related to the Road cast at Thatcham using COVID analysis as a parameter.
- Created Road cast User Manual Documentation.
- Performed analysis related to the change in Travel Time Link to check data accuracy between Here company and O2 company data.
- Executed system and functional testing with regards to OBU and Roadside Unit (RSU).

**RESPONSIBILITIES**

- Reporting test status on a day-to-day basis (SCRUM).
- Developed test plan, scripts, and strategy and scheduled & executed tests in the test environment.
- Creating regression test pack.
- Testing UI from the user perspective and automating the test cases for improved efficiency.
- Actively participating in agile sprint retrospectives.
- Updating the automated test scripts in the CI/CD pipeline.
- Performing analysis on the data related to road cast and preparing a generic document for it.
- Updating the XML file for IVI (In-Vehicle Information) related to the location for installing RSU.

## Education

MSc FT Computer Science with Industrial Experience [Distinction]                 2019 – 2021
Queen Mary University of London

Bachelor of Engineering (B.E.) Computer Engineering [First Division – 79%]       2015 – 2019
University of Mumbai

## Professional Certifications

Azure Data Engineering DP-203

Azure Data Fundamentals DP-900

Databricks Lakehouse Fundamentals

Database& Integration of Services with Other Application

## References are available on request.