Ammar Jamal

Madhura Hill, Shaikpet, Hyderabad, Telangana - 500008
Permanent Address: Pura Rani, Mubarakpur, Azamgarh, U.P. India 276404
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Professional Summary

Highly motivated IT professional with over 2.10 years of experience as a Data Engineer specializing in Azure Data Factory (ADF), SSIS, Python, and SQL Server, with expertise in the ETL process of investment banking data. Outstanding ability to analyze, develop, and implement technology solutions. A reliable team player with effective troubleshooting and debugging skills. Strong project leadership with innovative problem-solving analysis that enhances processes, systems, and methodologies, consistently exceeding business goals and customer expectations.

Professional Skills

- **Data Integration and ETL Processes**
- **ADF (Azure Data Factory)**
- **SSIS (SQL Server Integration Services)**
- **SQL Server**
- **Data Analysis and Troubleshooting**
- **Project Management and Collaboration**
- **Python**
- **Scripting and Automation**
- **Control-M**

Work Experience

Software Engineer | HCL TECH
Duration: FEB, 2022 - Present

- **Managed Data Integration and ETL Processes**:
  Designed, developed, and managed ETL pipelines using Azure Data Factory (ADF) and SSIS, significantly improving data integration and transformation processes. Successfully reduced ticket volume by nearly 90% over 2.5 years through continuous improvement of ETL pipelines and addressing performance issues in data workflows.
- **Data Analysis, Troubleshooting, and Optimization**:
  Identified and resolved medium to highly complex production problems, including data inconsistencies and ETL failures, enhancing overall system reliability. Developed Root Cause Analyses and implemented solutions to optimize ETL processes, significantly reducing system downtime and improving performance.
- **Database Management and Data Modelling**:
  Executed deployment of changes into UAT and Production environments, focusing on SQL Server performance tuning and database schema optimization to enhance data

storage solutions. Conducted weekly health checks on production databases, ensuring optimal performance post-deployment and during routine maintenance.

- **Scripting and Automation**:
  Proficiently used Python for automating ETL tasks, data manipulation, and streamlining data processing workflows. Automated repetitive tasks, such as file transfers and data validation, improving operational efficiency and reducing manual intervention.
- **Project Management and Cross-Functional Collaboration**:
  Coordinated with cross-functional teams to deliver data-driven solutions, including the implementation of Single Sign-On (SSO) for a critical application and establishing a new CRM project for the Canada region.
- **Performance Monitoring and Incident Management**:
  Developed disaster recovery plans and conducted comprehensive system health checks, ensuring data integrity and system resilience during critical events. Managed Level 2 production incidents for High Net Worth (HNW) Investment Banking applications, applying advanced troubleshooting skills to resolve data and performance issues promptly.

Education

Master of Computer Application (MCA)
Maulana Azad National Urdu University | 2018 - 2021
Focused on the mathematical and theoretical foundations of computing.

Bachelor of Science (B.Sc.)
Veer Bahadur Singh Purvanchal University | 2015 - 2018
Specialized in the application of science concepts in real-life scenarios with a focus on Physics, Chemistry, and Mathematics.

Intermediate & High School
Science and Mathematics | UP Board | 2012 - 2015

Basic Information

- **Age**: 26 Years
- **Languages**: English, Urdu, Hindi
- **Phone:** +91- 77027-26193
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- **Language:** English, Urdu, Hindi