
AZHAM HASSAN V

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Summary

Experienced Data Engineer with a proven track record of 5 years in the telecommunication sector. Proficient in Data Engineering, Database Development, Database Administration, Reporting, Extract, Transform, Load (ETL), Data Analytics and Business Intelligence.

Passionate about continuous learning and staying updated with the industry trends and technologies to drive innovation and support strategic decision-making. Enthusiastic team player with excellent problem-solving skills and a commitment to achieving organisational goals through data-driven strategies.

Skills

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| • Advanced SQL. | • Pentaho Report Designer |
| • Database Administration | • Pentaho Data Integration for ETL |
| • Tableau | • Python |
| • Power BI | • R |
| • Version Control Systems: Git, GitHub | • Shell Scripting. |
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Professional Experience

Senior Software Engineer
6D technologies.

May 2019 to February 2024
Bangalore, Karnataka, India.

Data Engineer.

- Expertly handled and queried vast databases, ensuring optimal performance and data integrity across multiple platforms.
- Skilfully performed data modelling, managing sizable volumes of data to generate actionable insights and comprehensive graphical reports using advanced BI tools.
- Designed and developed sophisticated Business Support Systems (BSS) and Sales & Distribution (S&D) projects for high-profile telecom clients, including Optus, TOGO, Smartfren Telco, Vodacom Tanzania, and Tashicell Bhutan, delivering exceptional client satisfaction.
- Led the execution of rigorous Quality Assurance (QA) and testing procedures to enhance usability and functionality, significantly reducing system errors.
- Created visually captivating reports using Tableau and Pentaho Report Designer to facilitate data-driven decision-making processes.
- Collaborated with cross-functional teams to identify data requirements, streamline data flows, and ensure accurate and timely reporting.
- Spearheaded data visualisation initiatives, transforming complex data sets into intuitive, easy-to-understand dashboards.
- Trained and mentored junior analysts, fostering a culture of continuous learning and professional development within the team.

Data Migration Engineer

- Mastered diverse source and target systems for seamless integration
- Architected and documented comprehensive migration strategy documents, enhancing project clarity and execution.

- Mapped complex data fields accurately between source and target systems, ensuring consistent data integrity.
- Led extraction of data from source databases to create temporary databases, simplifying data transformation procedures.
- Led rigorous data cleaning initiatives, eliminating redundancies and anomalies to ensure high-quality data.
- Transformed data to meet strict target system specifications, enhancing system functionality.
- Executed flawless data loading into the target system, ensuring zero downtime and data loss.
- Compiled detailed reconciliation reports, providing transparent and actionable insights to stakeholders.
- Continuously optimised migration processes, achieving significant performance improvements and operational efficiencies.

Online Personal Shopper (Part Time)
Woolworths

March 2024 to Current
Dandenong, Victoria

- Well Trained in working with a team to provide the best service to our customers and have an energetic environment at work.
- Gained Exposure in customer relationship and handling.
- Experienced in MS Office- Word, Excel, PowerPoint.
- Handled 100+ customer interactions per day, giving detailed, personalised, friendly and polite service to ensure customer retentions.

Education and Training

Master of Business Analytics.: Faculty of Business and Economics **February 2024 to December 2025**
Monash University Melbourne, VIC

- CGPA: 3.5/4.0

Bachelor in Computer Science Engineering: Information Technology **June 2015 to April 2019**
Christ University Bangalore, India

- CGPA: 3.57/4.0

Certifications

- Power BI Data Analytics for All level.
- Hacker Rank Certificate for SQL intermediate.

Project

Analysis of the 2022 Australian federal Election Results.

- Analysed election data to identify electorates won by independent candidates, highlighting a shift from traditional party affiliations.
- Investigated factors influencing voter behaviour, including the emphasis on climate action, political integrity, and gender equality by independent candidates.
- Conducted detailed demographic analysis for the Kooyong electorate, comparing it with state-level data to assess representativeness.
- Created visualisations showcasing age, income, and gender distributions, and their correlation with voting patterns.
- Documented the data sourcing, licensing, and cleaning processes to ensure accurate and reliable outcomes.
- Provided insights into the strategies and policies that contributed to the success of independent candidates in traditionally conservative areas.
- Presentation of findings through clear and concise reporting.