



Jaffar Zaid

Information Technology Professional

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Profile

IT professional with experience in data analytics, computer science teaching, and IT systems/QA; skilled in Python, SQL, Power BI, Tableau, and machine learning; familiar with networking concepts including routing, switching, and network security; experienced in explaining technical concepts to diverse audiences and supporting production systems; holds the AWS Certified Machine Learning – Specialty; currently pursuing CCNA and an MSc in Machine Learning & Computational Intelligence (UOB, 2024–2026).

Highlighted Skills

- **Data Analytics & Machine Learning:** Python (Pandas, NumPy, scikit-learn), SQL, Power BI, Tableau, Excel, Data Cleaning, Visualization, Reporting, Machine Learning, Sentiment Analysis
- **Cloud & AI:** AWS Certified Machine Learning – Specialty, Amazon SageMaker, S3, Glue, Lambda, IAM.
- **Networking:** CCNA, Routing & Switching, VLANs, OSPF, ACLs, NAT / PAT, Network Security fundamentals.
- **Databases:** PostgreSQL, SQLite, MySQL and Microsoft SQL Server.
- **Technical Skills:** Laravel and ASP.NET.

Data Analytics Experience

General Assembly (Data Analyst Projects)

Jul 2023 – Sep 2023

- Generated insights from large datasets.
- Utilized data analysis tools to analyze and visualize information from datasets.

Fake News Detection Using Sentiment Analysis on Social Media News Posts

- Developed sophisticated classification models using machine learning techniques to identify true or fake news articles.
- Incorporated sentiment analysis to enhance the accuracy and performance of the models.
- **Tool:** Machine Learning Models (Python).

Marriage and Divorce in Bahrain

- Created a user-friendly and intuitive dashboard using Tableau to analyze marriage and divorce rates in Bahrain.
- Provided valuable insights and trends to predict future rates.
- **Tool:** Tableau Desktop.

Bahrain Museums

- Developed a visually appealing and user-friendly dashboard using Power BI to provide comprehensive statistics and insights on visitors to Bahrain's museums.
- Ensured a seamless and engaging user experience for data exploration.
- **Tool:** Power BI.

Airbnb

- Provided insights to identify optimal property types and locations for investment in Boston.
- Conducted sentiment analysis on client feedback to identify future investment opportunities in Boston.

- **Tool Used:** Excel.

Kickstarter

- Analyzed a project list to identify the most successful project types and optimal states in the US for project initiation.
- **Tool:** Excel.

Experience

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| Computer Teacher - APG School, Bahrain | Feb 2025 – Jun 2025 |
| <ul style="list-style-type: none">• Taught Grades 8–9 computer science and design with a project-based approach• Developed lesson plans covering programming fundamentals and applied problem-solving. | |
| IT Trainer - Enma Training Institute, Bahrain | Mar 2024 – Nov 2024 |
| <ul style="list-style-type: none">• Delivered training in data analytics/data science (Python, SQL, visualization) | |
| Quality Assurance Engineer - Wedeliver (You App), Bahrain | Aug 2022 – Mar 2023 |
| <ul style="list-style-type: none">• Executed test plans for iOS/Android applications to improve release quality• Wrote SQL queries to produce management reports from production databases• Supported Odoo ERP workflows and data integrity | |
| Junior Developer - Tech Bay (Ministry of Tourism), Bahrain | Feb 2022 – Jul 2022 |
| <ul style="list-style-type: none">• Resolved user requests with Microsoft Dynamics (2011)• Built SSRS reports for stakeholder KPIs and information needs | |

Education

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|---|-----------------|
| <ul style="list-style-type: none">• MSc in machine learning and computational intelligence
University of Bahrain | Oct 2026 |
| <ul style="list-style-type: none">• BSc in information technology and computing
Arab Open University (Bahrain). | Feb 2020 |
| <ul style="list-style-type: none">• National diploma in chemical engineering
Bahrain Training Institute (Bahrain). | Dec 2011 |
| <ul style="list-style-type: none">• First diploma in chemical engineering
Bahrain Training Institute (Bahrain). | Jun 2009 |

Awards

- **Participation as a contestant in the Bahrain Collegiate Programming BaCPC – 10/2019**
7th place over Bahrain Universities Bahrain.

Certifications & Courses

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| <ul style="list-style-type: none">• Cisco Certified Network Associate (CCNA) – Cisco | Mar 2026 |
| <ul style="list-style-type: none">• AWS Artificial Intelligence & Machine Learning Program – AWS | Mar 2024 |
| <ul style="list-style-type: none">• Data Analysis Immersive – General Assembly | Oct 2023 |

Languages

- **Arabic:** Native
- **English:** Fluent