

# Mohamed Zein

## Salesforce Developer | Data Analyst & QA Engineer

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📅 December 1st, 2001

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### LANGUAGES

- Arabic
- English

### EDUCATION

#### Bachelor of Technology in Computer Science

Arab Academy for Science, Technology, and Maritime Transport

September 2020 – September 2024

Alexandria, Egypt

(ABET Accredited)

#### Master in Data Analytics & Artificial Intelligence

Steinbeis University

May 2025 – Present | Berlin, Germany

(German Accreditation Council through FIBAA)

### COURSES

#### Introduction to Mobile Development

Meta

February 2025

- Completed comprehensive training in mobile application development fundamentals and architecture
- Acquired knowledge of UI/UX design principles, responsive layouts, and cross-platform compatibility
- Studied mobile development frameworks, API integration, and performance optimization techniques
- Developed understanding of mobile application lifecycle, deployment, and maintenance best practices

#### Oracle Cloud Infrastructure Foundations

Oracle

December 2024

- Completed comprehensive training in Oracle Cloud Infrastructure architecture and core services
- Acquired knowledge of OCI security frameworks, networking, and storage solutions
- Studied cloud deployment methodologies and resource management best practices

### PROFILE

Detail-oriented Data Analyst and QA professional with a strong foundation in data processing, analysis, and quality assurance methodologies. Proficient in using a range of tools for data analysis and software testing, including hands-on experience in automated testing using Cypress. With a background in software development and data structures, I bring technical proficiency and problem-solving abilities to optimize data-driven solutions and ensure software reliability. I am dedicated to leveraging my analytical and testing skills to drive innovation and efficiency within teams.

### PROFESSIONAL EXPERIENCE

#### Salesforce Developer & Analyst

EMAAR

April 2025 – Present | Dubai, U.A.E

- Worked on improving and optimizing Apex classes in the Emaar One App, helping reduce execution time by ~25% and making the system more stable for users.
- Tested and validated integrations between Salesforce and external systems, improving API reliability and reducing integration-related issues by ~30%.
- Supported and monitored data flow between Salesforce and Oracle EBS/Fusion, maintaining ~99% data accuracy across systems.
- Cleaned, structured, and prepared data for reporting, improving dashboard data quality and usability by ~30%.
- Contributed to AI-driven initiatives, including automating BRD-to-development workflows (such as generating Apex classes and supporting integration migration), reducing manual effort by ~35%.
- Explored AI-generated insights and dashboards, helping speed up reporting processes by ~25% and making insights more accessible to business teams.
- Built and maintained automated test scenarios using Cypress, reducing manual testing effort by ~40% and catching issues earlier in the cycle.
- Supported deployments and testing cycles, helping reduce release-related issues by ~20% and ensuring smoother production rollouts.

#### Data Analyst and QA

EMAAR

September 2024 – April 2025 | DUBAI, U.A.E

- Developed interactive Power BI dashboards to visualize key business metrics and trends.
- Redesigned dashboards for improved user experience and clearer insights for stakeholders.
- Collaborated with cross-functional teams to optimize data workflows, enhancing reporting and decision-making.
- Conducted end-to-end testing of applications, verifying functionalities and suggesting improvements.
- Performed exploratory testing on mobile apps, identifying UI/UX issues and performance bottlenecks.

#### Software Application Developer

Mega Trust

October 2023 – June 2024 | Alexandria, Egypt

- Developed Travel Genie, an AI-powered mobile app offering virtual multilingual guides and interactive historical content for tourists.
- Utilized Node.js, MongoDB, and FlutterFlow for app development and deployment, ensuring cross-platform functionality.
- Executed manual and automated testing to maintain functionality, usability, and performance standards.
- Managed an Agile team, overseeing sprints, feature planning, and code quality reviews.

- Prepared for Oracle's industry-recognized cloud certification examination

## SKILLS

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### Problem-Solving & Analysis

- Data structures
- Algorithms
- Advanced databases

### CRM

- Salesforce

### Data Processing Tools

- Power BI
- Excel
- SQL/SOQL
- Tableau
- Snowflake
- Informatica

### Programming Languages

- Python
- Java
- Web(HTML,CSS,JS,PHP)
- Cypress
- Kotlin
- C++
- Apex

### Quality Assurance

- Software testing using Cypress
- Test automation

### Soft Skills

- Attention to Detail
- Analytical Thinking
- Communication Skills
- Problem-Solving
- Adaptability

### Defect Tracking

- Jira
- Trello

## Web Performance Tester

Appsoft

August 2023 – September 2023 | Alexandria, Egypt

- Documented results of tests conducted and maintained organized database of all findings.
- Performed manual testing of web applications, ensuring high-quality product release.
- Reported bugs and errors to development team, following up on issues until resolved.
- Collaborated with engineers to develop effective strategies and test plans.
- Provided feedback to development team regarding system usability improvements.

## CERTIFICATES

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### Google Data Analytics

- Google Data Analytics Professional Certificate

### Salesforce Sales Operations

- Salesforce Sales Operations Professional Certificate

## PROJECTS

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### 2024 Olympic Games Analysis Dashboard

*Performance Metrics from Paris 2024*

July 2024 – August 2024

- Engineered a comprehensive dashboard in Power BI for visualizing Paris 2024 Olympics metrics, incorporating dynamic filters for multidimensional analysis of medal patterns.
- Automated data cleaning and statistical analysis of competition results using Python scripts.
- Organized athlete demographics and medal distributions in Excel, developing interactive visualizations to uncover performance trends across nations.
- Designed an executive reporting interface providing actionable insights on competitive outcomes.

### Travel Genie App

*Graduation Project | Technologies: Node.js, MongoDB, FlutterFlow*

- Designed and developed a mobile application to enhance tourist safety and reliability during travel.
- Delivered an interactive, educational experience by integrating historical content about ancient monuments in an engaging format.
- Implemented AI-powered virtual guides with multilingual support to improve accessibility and user experience.
- Utilized modern technologies such as Node.js, MongoDB, and FlutterFlow for backend services and cross-platform development.