

**Fatma SOLIMAN**

Montreal

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**Bilingual:** French, English

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## PROFESSIONAL PROFILE AND SKILLS

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- Extensive 10-year experience in IT (programming, operating system administration, server, and networking, software testing,)
- Proficient in applications and technologies used in the business, domain knowledge.
- Methodical, independent, results and customer needs oriented.
- Team Player.
- Strong communication skills with various stakeholders.
- Respect for deadlines and quick adaptation to changing priorities.
- Highly organized and responsible, with strong critical thinking, synthesis, and analytical skills
- Ability to find solutions and work under pressure.
- Skilled at expressing ideas and writing clear and concise technical documents.

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## ACADEMIC EDUCATION

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**A.E.C - Software Quality Specialist**

**2023**

Collège Bois de Boulogne, Montréal

**Studies in MASTER - Automated Language Processing TAL (Artificial Intelligence, Machine Learning)**

**2015-2016**

Nouvelle Sorbonne-Paris 3 university, France

*(Comparative assessment of the degree in progress at the Ministry of Immigration, Francization, and Integration)*

**A.E.C – CIW Graphic and MultiMedia Applications (FrontEnd)**

**2004**

IBM and MCIT, Egypt

*(Comparative assessment of the degree in progress at the Ministry of Immigration, Francization, and Integration)*

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## CERTIFICATIONS

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- IBM AIX 7 Administration
- Certified Network Associate (CCNA)
- API Security Fundamentals
- OWASP API Security Top 10
- ISTQB 4.0 Foudation Level *(in progress)*

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## CURRENT PROFESSIONAL DEVELOPMENT

- Udemy Platform - End-to-end Testing with Playwright & Cypress
- Udemy Platform - Typescript
- Udemy Platform – Performance Testing with Jmeter
- Udemy Platform – DevOps Beginners to Advanced with Projects
- Udemy Platform - Docker & Kubernetes: The Practical Guide
- Udemy Platform - Appium -Mobile Testing (Android/IOS) from Scratch+Frameworks
- Udemy Platform - Software Quality | AI Testing | Generative AI -2024
- Udemy Platform – The Complete ServiceNow System Administrator Course
- Udemy Platform - Introduction to Service Management with ITIL 4

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## TECHNICAL EXPERTISE

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## Software :

- Office: Word, Excel, PowerPoint, Visio, Teamviewer
- Test Automation: Selenium WebDriver, Robot Framework, Cucumber BDD
- API tests: Postman, SoapUI, Rest Assure, Swagger
- Database: SQL, MySQL
- CI/CD: GitHub Actions
- Configuration Management: Github, Git GUI
- Project Management: Ms Project
- Development Environment: Eclipse, Ms Visual Studio code, IntelliJ, Pycharm
- Modeling Tools: UML, BPMN, Visual Paradigm
- Programming: Java, Python, HTML, CSS, JavaScript, Shell Script
- Networking: Cisco, Routing, TCP
- Servers: IBM AIX Server
- Operating Systems: Ms Windows, Linux, Unix
- Virtualization: VirtualBox, VMware
- Information technology service management (ITSM): Oracle, IBM
- API Security Testing: OWASP Zap (Zed Proxy)
- Manual Testing: Jira, Jira Xray, TestLink, MS Pict
- Unit Testing: TestNg, Junit, PyTest
- NLP : Spacy, NLTK

## Key Skills :

- Software Testing: Manual and automated, test strategies and plans, test scenarios and cases, manual test execution, metrics, test reporting, bug and anomaly detection and reporting
- Preparation of a Quality Assurance Plan (QAP)
- Test Techniques
- Preparation of test data datapool
- Automation of continuous integration and deployment processes (CI/CD)
- Standards: ISO, TMMI, CMMI, IEEE
- SDLC: Software Development Life Cycle
- SWEBOK
- Bugs Life Cycle
- Agile Scrum and Kanban
- Linux/Unix Server administration
- Database
- Troubleshooting and problem solving
- Incident management
- Cloud Computing : AWS

## **PROFESSIONAL EXPERIENCE & ACHIEVEMENTS**

**2005-2023**

### Professional Experiences:

#### **QA analyst volunteer**

**2024**

Agile Montréal

- Present the advantages of Natural Language Processing in software quality assurance during the project's meetups.

#### **Software Quality Assurance Analyst, QA Tester**

**2023**

K2 Geospatial (*stage*), Montréal

- Writing and executing manual test cases for the JMap Cloud web application
- Automating UI test cases of the JMap Cloud web application hosted on AWS using Robot Framework
- Manual and automated API tests
- Executing API security tests on Postman and Zed Proxy
- Executing Restful API tests on Postman

- Executing regression tests of the JMap NG and JMap Cloud applications
- Executing User Acceptance Tests
- Working in a DevOps environment
- Participating in daily scrum and various sprint ceremonies
- Reporting bugs on Jira

Internship project: JMap Cloud portal web application

#### **Technical Support Consultant 2005-2015**

**2005-2015**

AIX 7 Server - IBM Egypt and France, Cairo

Rogers, Fido Québec – IBM Egypt and Canada, Cairo

Oracle Egypt - EMEA, Cairo

Netgear France and Canada – Stream Global Service, Cairo

- Provide remote support for AIX, UNIX, Linux operating systems.
- Detect bugs and anomalies in the AIX 7 server. Resolve incidents and conduct bug correction tests for a clientele consisting of businesses and banks in France.
- Install and update software and various hardware, execute file backups, and configure applications.
- Provide technical assistance for routers, switches, modems, and external storage devices.
- Resolve incidents involving VPN, WAN, and LAN for clientele from businesses in France and Canada.
- Provide technical support to clients and employees of Oracle EMEA.
- Create and automate Shell scripts for efficient management of AIX servers, improving operational performance and reducing downtime.
- Develop Python scripts for data processing and system interconnectivity.
- Proactively resolve complex problems with custom scripts, contributing to increased customer satisfaction.

Technical Support Project: IBM AIX 7.0 server

#### **Achievements:**

##### Manual and Automated Testing Projects:

- CMS Alfresco
- REDMINE
- CligraphCRM & EGG CRM
- Salesforce
- E-commerce application, Qafox OpenCart (NinjaTutorial)
- Opensource Demo Orange HRM
- Live Guru99 Projects: Banking Project
- nopCommerce
- uTest Online projects
- Tester Work Online Projects
- API Testing Live Project – The Testing Academy
- Proof of concept: "Connecting Linguistics and Quality: Optimizing Software Quality Assurance through Natural Language Processing."
- Technical Support Project: IBM AIX 7.0 server