

Alaa Serhal

PRODUCT MANAGER - MUREX SYSTEMS

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| 🏠 <https://alaaserhal.github.io>

| 📱 AlaaSerhal

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Experience

Murex Systems, Information Systems Product Management

Beirut, Lebanon

PRODUCT MANAGER - MUREX TESTING SUITE

July 2020- Present

- Led a team of developers and quality assurance consultants to enrich and maintain the Murex Testing Suite (MTS), a library of 200+ predefined tests covering all MX.3 modules, thus improving by 38% the test coverage KPI and enhancing safety nets.
- Collaborated cross-functionally with product evolution, DevOps and system teams to identify and deliver new product solutions, enhance existing ones and establish the infrastructure for automated regression and non regression testing.
- Launched the product roadmap and strategy of Murex testing suite (MTS) using Agile and Scaled Agile methodologies for Murex's largest module, and migrated existing fitNesse and cucumber tests to Murex Testing Suite (MTS).
- Spearheaded a team of 18 test engineers to implement 3000+ test scenarios covering external interfaces communicating with the Murex Software for one of Europe's leading banks under critical timeline and changeable requirements.
- Groomed and prioritized the program backlog, understood customer testing and quality needs and translated business requirements into technical specifications and design.
- Served as the point-person for escalation, incident management, product questions for 35+ test engineers and 65 clients including 15 CI/CD projects.

Bayerische Motoren Werke AG - BMW

Munich, Germany

FULL STACK SOFTWARE DEVELOPER

Feb 2019- Aug 2019

- Collected and analyzed the plants' requirements for the robots' graphical user interface and led the user interface team in developing the generic approach of the new user interface for all robots that improved the robots responsiveness and engagement by 63%.
- Developed the user interface and API using Flask and ROS to control the multiple logistics robots that are currently deployed in the Munich and Leipzig BMW production plants and assembly lines.
- Developed the Logistics Robotics Web Application to monitor the robots in production, generate logs and statistics, and control the robots remotely and on-premises.

Lebanese American University - LAU

Byblos, Lebanon

COMPUTER LAB ASSISTANT

Sep 2015- Jan 2019

- Provided network and IT support for all computers in different labs and smart classes on campus, debugged and repaired failed operating systems and programs, and configured "Cisco" and "Polycom" video conference equipment.

Education

Lebanese American University

Byblos, Lebanon

B.E. COMPUTER ENGINEERING

Sep 2015 - June 2020

Personal Projects

SOS - Smart Obviation Sprinkler - <https://tinyurl.com/twun4fws>

CAPSTONE DESIGN PROJECT

- Scalable solution to prevent and extinguish fire, preserve appliances, increase triggering accuracy, minimize damages and reduce installation and maintenance costs.
- Reliable detection and localization of fire through computer vision, machine learning, object tracking, thermal, smoke sensors and a PID controller for precise fire extinguishing.

Skills

SKILLS

- Product Management - Agile Methodologies - Scrum - Market Research - Strategic Planning - Requirements Gathering - Quality Assurance - Software Testing - Product Design - Data Analysis - Software Development - Database Management
- Python - Java - PHP - HTML - CSS - Javascript - SQL - MATLAB - Unix Commands - Git

TOOLS AND SOFTWARE

- JIRA - Confluence - Servicenow - PEGA - Miro Board - Jenkins - PeopleSoft - Microsoft Office - Microsoft Power BI - Adobe XD (UI/UX) - Adobe Photoshop - Adobe Premiere Pro

LANGUAGES

- English - Arabic - French (A1)

Certificates

2022 **Data Analyst Associate**, Microsoft (Power BI)

2022 **Certified Tester**, International Software Testing Qualifications Board (ISTQB)

2021 **Certified SAFe® 5 Agilist**, Scaled Agile Framework® (SAFe®)

2020 **Digital Marketing Specialist**, Fundamentals of Digital Marketing By Google Garage

2020 **Dean's Distinction List**, Lebanese American University - Engineering Department