

# WAJDI OMRANI

## QA Automation Engineer | DevOps Engineer

Email: [Wajdiomrani.wo@gmail.com](mailto:Wajdiomrani.wo@gmail.com) | Phone: +216 92 519 142 | Tunis, Tunisia  
LinkedIn: [linkedin.com/in/wajdiomrani](https://www.linkedin.com/in/wajdiomrani) | GitHub: [github.com/wavindi](https://github.com/wavindi)

### PROFESSIONAL SUMMARY

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**QA Automation Engineer** with 2+ years of experience architecting scalable test frameworks (**Selenium**, **Appium**) and secure **CI/CD pipelines** for enterprise clients including **AT&T** and **Airbus**. Adept at leveraging cloud infrastructure (**Terraform**, **GCP**) to accelerate QA feedback loops, drive DevSecOps compliance, and eliminate deployment bottlenecks in high-security environments.

### PROFESSIONAL EXPERIENCE

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#### DevOps & QA Automation Engineer

January 2026 – Present

*Navero (AI-Driven Startup)*

Tunis, Tunisia

- Cloud Architecture:** Architected and provisioned foundational cloud infrastructure from scratch on **GCP**, leveraging **Cloud Run** for containerized backends and **Cloud Storage** for frontend assets, accelerating production readiness to under 3 weeks.
- Infrastructure as Code:** Authored modular **Terraform** configurations to govern dev, staging, and production environments, eliminating manual configuration drift and reducing environment provisioning times.
- CI/CD Optimization:** Designed unified **GitHub Actions** pipelines integrated with **GCP Secret Manager** to enforce security parameters and automate deployment flows across all branches.
- Testing Automation:** Engineered an automated **preview environment** engine utilizing ephemeral Terraform instances per pull request, cutting integration conflicts and accelerating QA feedback loops.
- Observability:** Configured end-to-end monitoring and alerting arrays using **GCP Cloud Monitoring** to map real-time performance indicators, reducing Mean Time to Detection (MTTD) for anomalies.
- Regression Suites:** Developed functional web regression suites using **Selenium WebDriver** to guarantee system-wide platform stability prior to scheduled updates.
- Technologies:** Terraform, GitHub Actions, GCP (Cloud Run, Cloud Storage, Secret Manager, Cloud Monitoring), Selenium, E2E Testing.

#### QA Engineer

September 2024 – February 2026

*Streamwide*

Tunis, Tunisia

- Mission-Critical Validation:** Directed end-to-end QA validation cycles for high-availability **MCX (Mission-Critical Services)** platforms serving tier-1 governmental and defense accounts including **AT&T**, **Airbus**, and the **French Ministry of Defense**.
- Mobile Automation:** Designed and scaled native cross-platform test suites using **Appium** across **Android** and **iOS** platforms, elevating overall automated test coverage for core communications.
- Web Automation:** Maintained high-reliability **Selenium WebDriver** automated frameworks for complex web consoles, depressing production regression rates.
- Release Engineering:** Managed continuous build validation patterns inside **Jenkins**, linking automated code compilation, image containerization, and scheduled test executions into smooth workflows.
- Agile Defect Tracking:** Owned defect tracking, bug lifecycle monitoring, and validation protocols within **Jira**, generating compliance documentation tailored to strict client specifications.
- Technologies:** Java, Python, Jenkins, Selenium, Appium, Jenkins, Docker, Jira, Android, iOS, MCX Frameworks.

## Solution Architect (Consultant / Freelance)

LuxPOOL

November 2024 – April 2025

Luxembourg (Remote)

- **Full Product Delivery:** Directed architecture and application lifecycle delivery for an regional carpooling ecosystem operating in Luxembourg, translating functional requirements into highly available code.
- **Core Service Design:** Engineered algorithmic match-making routines, secure booking handlers, authentication protocols, and administrative control structures.
- **Compliance Frameworks:** Enforced comprehensive **GDPR data governance** principles, building native data minimization routines and strict column-level privacy rules across data storage layers.
- **Technologies:** System Architecture, REST APIs, Security/Auth, GDPR Compliance, CI/CD.

## DevSecOps Engineer (End-of-Studies Internship)

SofiaTECH

January 2024 – July 2024

Tunis, Tunisia

- **Pipeline Modernization:** Implemented secure container-orchestrated pipeline workflows incorporating **Jenkins**, **Docker**, and **Kubernetes** (K8s).
- **Security Shifting-Left:** Integrated automated compliance scanning tools including **SonarQube** (Static Analysis), **Trivy** (Vulnerability Screening), and **Kubescape** (Cluster Security Auditing).
- **Cloud Provisioning:** Built baseline infrastructure patterns across multi-zone **AWS** environments leveraging EC2, IAM policies, and secure VPC architectures.
- **Technologies:** Jenkins, Docker, Kubernetes, AWS, SonarQube, Trivy, Kubescape.

## QA & 3D Printing Engineer

SEEKMAKE

July 2023 – October 2023

Tunis, Tunisia

- **Quality Control Automation:** Developed and executed automated regression testing suites using **Selenium WebDriver** to validate the company's core web platform and e-commerce manufacturing pipeline.
- **Hardware Quality Assurance:** Formulated rigorous hardware tolerance and quality-testing protocols for 3D-printed prototypes, successfully identifying material defects and refining process parameters alongside core engineering teams.
- **Cross-Functional Alignment:** Collaboratively defined end-to-end testing criteria, reducing product defect rates and improving software-to-hardware data synchronization.
- **Technologies:** Selenium, Process Optimization, Quality Control, Cross-functional Collaboration.

## AI & Mobile Developer (Internship)

TICDCE

July 2022 – July 2022

Tunis, Tunisia

- **Computer Vision Engineering:** Designed and deployed an automated, real-time ID verification module utilizing **OpenCV** and **OCR** algorithms in **Python** to streamline user onboarding.
- **Cross-Platform Integration:** Successfully integrated the Python-based computer vision backend into a high-performance **Flutter / Dart** mobile application environment.
- **3D Graphics Implementation:** Built interactive 3D models and smooth animations using **Blender**, embedding them seamlessly via an integrated **Unity** widget inside the mobile application layer.
- **Agile Delivery:** Managed code versioning and task tracking within a fast-paced environment leveraging **Docker**, **GitHub**, and **Jira**.
- **Technologies:** Python, OpenCV, OCR, Flutter, Dart, Unity, Blender, Docker, GitHub, Jira.

## TECHNICAL SKILLS

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**Test Automation:** Selenium WebDriver, Appium, E2E Testing, Cross-Platform/Regression Testing, Jira  
**DevOps & CI/CD:** GitHub Actions, Jenkins, Docker, Kubernetes, Terraform, Bash / Shell Scripting  
**Cloud Platforms:** GCP (Cloud Run, Cloud Storage, Secret Manager, Monitoring), AWS (EC2, IAM, VPC),

S3)

**DevSecOps & Monitoring:** SonarQube, Trivy, Kubescape, OWASP Top 10, GCP Cloud Monitoring  
**Languages & Frameworks:** Java, Python, JavaScript, C/C++, C#, Dart, Flutter, ReactJS, Linux Administration

## EDUCATION

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**Engineering Degree in Computer Science** 2021 – 2024  
*ENSTAB – National School of Advanced Sciences and Technologies of Borj Cedria* Borj Cedria, Tunisia

**Preparatory Classes (Mathematics & Physics)** 2019 – 2021  
*IPEIEM / IPEIN – Preparatory Institutes for Engineering Studies* Tunis / Nabeul, Tunisia

## LANGUAGES

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**Arabic:** Native | **English:** Full Professional Proficiency | **French:** Professional Proficiency

## ACTIVITIES & ACHIEVEMENTS

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- **University Representative:** Appointed University of Carthage Delegate at international summits (Spain, 2023).
- **Startup Competition Innovator:** Selected as Solo Finalist across Open Startup Tunisia X accelerator tracks (OSTX Cohort).
- **Event Organizer:** Led coordination logistics for the international “Finally Tunis Open” Rubik’s Cube championship.