

YASSINE BAKLOUTI

Software QA Engineer

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(Possibility to relocate if needed)

Professional Summary

Software Engineering graduate with a strong interest in QA Automation, test reliability, and CI/CD practices. ISTQB® certified, currently seeking a full-time opportunity to contribute to software quality assurance and test process optimization.

Work Experience

QA Engineer - Freelance (Subcontracted), Sfax January 2026 - Present

- Analyzing business workflows and validating critical user scenarios.
- Created detailed test plans, test cases, and validation reports, improving test traceability.
- Executed **manual & automated** rigorous tests and tracked defects using **Jira** and **Xray**.
- Collaborating closely with developers to support fast and efficient issue resolution.
- Working within an Agile environment alongside product and development teams.

QA Automation Intern - Olivesoft (LAGID), Sfax February 2025 - May 2025

- Designed and developed a modular and scalable automation framework for retail clients, enabling E2E transaction testing across inter-system platforms using **Java**, **Selenium**.
- Implemented automated test cases and achieved a **70%** reduction in test creation time compared to manual testing.
- Optimized execution processes through parallel testing architecture, nightly runs, and integration with CI/CD pipelines using **Azure Devops**.

Data & BI Intern - IIT, Sfax Januray 2024 - March 2024

- Designed and deployed an interactive dashboard system to support decision-making in marketing, finance, and academic departments using **SQL** and **PowerBI**.
- Integrated a predictive model using **ML** techniques to assess student success.
- Built an automated **ETL** pipeline for efficient and secure data processing using **Apache AirFlow**.
- Integrated dashboards into a secured web application with role-based access via **ASP.NET**.

Web development Intern - Vision Internet Soft & Services, Sfax July 2023 - August 2023

- Developed a web-based document management platform to digitize and streamline administrative document exchange using **Angular**, **ASP.NET** and **SQL Server**.
- Exchanges have been digitalized, resulting in a reduction in processing time.
- Replaced physical stamps with unique QR codes for secure verification and traceability.

Mobile Developer Intern - Office of academic services, Sfax January 2022 - May 2022

- Developed a mobile app for streamlining financial aid document submission and student administration communication via **Flutter**, **Firebase** and designed with **Figma**.
- Implemented a document extraction system, appointment scheduling module, and real-time chat feature.
- Enhanced the overall user experience for students and administrative staff.

Education

- **Software Engineering** North American Private University, Sfax 2022 - 2025
- **Bachelor in applied IT for Management** University of Economics and Management of Sfax, 2019 - 2022

Key Skills

- **Testing Methodologies** : Exploratory Testing, Regression Testing, Functional Testing, Manual Testing, Requirements Coverage.
- **Testing Tools**: Robot Framework, Selenium (WebDriver/Grid), JUnit, Playwright, Rest Assured, Cucumber.
- **Automation**: Jenkins, Azure DevOps, GitHub Actions.
- **Programming Languages**: Python, Java, JavaScript.
- **Test Management**: Jira, Xray.
- **Version Control Systems**: Gitlab, Github.
- **Areas of Expertise**: Web Testing, REST API, Mobile Testing.

Certifications

- Big Data Engineer **IBM** - Dec 2024.
- ISTQB® Foundation Level **GASQ** - Sep 2024.
- Jenkins (LFS167) **Linux Foundation** - Nov 2024.

Volunteering

- Founding Member – Lions Club Sfax Essour Sfax.

Additional Information

- **Personal Portfolio**: <https://yassinebakloutiporfolio.netlify.app/>
- **GitHub**: <https://github.com/Yass-Bak>
- **LinkedIn**: <https://www.linkedin.com/in/yassine-baklouti-346842225/>