

AHMET DEMIR

WEBSITES, PORTFOLIOS, PROFILES

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PROFESSIONAL SUMMARY

Strategic and results-driven Software Development Engineer in Test (SDET) and Software Quality Assurance Engineer with over 5 years of experience in designing, architecting, and managing robust Test Automation Frameworks using Java/Selenium, Python/Appium, JavaScript/Cypress, Playwright, and WebdriverIO. Achieved a 50% reduction in Regression Run Time, decreasing the duration from two days to one day. Proficient in establishing seamless CI/CD integration with tools such as Jenkins, GitHub Actions, and BrowserStack to ensure continuous delivery and enhance product reliability. Committed to driving technical excellence while mentoring junior QA professionals to deliver high-quality software solutions that consistently exceed business objectives.

HIGHLIGHTS

Test Automation: WDIO, Cypress, Playwright, Selenium, Cucumber (BDD), RestAssured, Mobile

Languages: JavaScript, Java, Python, SQL, HTML

Technical Stack: CI/CD Pipelines (Jenkins/GitHub Actions), Docker, MySQL, Git (Version Control)

Testing Types: Manual & Automated, Regression, Functional, Usability, Smoke, Sanity

API Testing: RestAssured, Postman API, Swagger

Performance: JMeter, K6, Load & Stress Testing

Defect Management: Jira, Xray, Troubleshooting, Root Cause Analysis, Problem Logging

QA Process: Agile/Scrum, White & Black Box, UAT, Test Planning & Reporting, Test Case Design

WORK HISTORY

QA ENGINEER 01/2025 to Current

Amega, Limassol, Cyprus

- Architected and built test automation framework foundations from scratch for two major projects, integrating WDIO/Appium (Mobile) and Cypress (Web) using JavaScript.
- Successfully integrated these frameworks with GitHub Actions to establish a robust CI/CD pipeline, significantly enhancing release quality and velocity.
- Implemented parallel test execution within the automation frameworks to optimize test suite runtime and achieve faster feedback cycles.
- Conducted performance and load testing using K6, monitored key metrics via Grafana dashboards, and provided actionable performance analysis reports.
- Validated software functionality, performance, and security through comprehensive manual and automated testing.
- Contributed to root cause analysis to determine core reason for failures and errors.

SOFTWARE QUALITY ASSURANCE ENGINEER/SDET 02/2023 to 02/2025**BDSwiss**, Nicosia, Cyprus

- Maximized test coverage by developing and executing comprehensive test plans and cases.
- Reduced the Mean Time to Resolution (MTTR) by collaborating closely with developers to identify and resolve issues in early development stages.
- Tracked and reported key QA metrics (e.g., defect density, open defect counts) to stakeholders, driving informed decision-making and continuous quality improvement.
- Conducted rigorous regression testing to validate bug fixes and ensure system reliability across all releases.
- Developed and executed QA test cases, scripts and procedures for automated software maintenance.

MENTOR 04/2022 to 10/2023**Techno Study**, USA (Remote)

- Spearheaded automation initiatives that introduced modern frameworks, streamlining regression and functional testing and reducing overall testing time by 40%.
- Provided hands-on training to mentees on critical tools including Selenium, Cucumber, TestNG, Postman, Jmeter, and RestAssured.
- Established QA best practices in documentation, root cause analysis, and defect tracking, fostering team efficiency and product quality.

TEST AUTOMATION ENGINEER 01/2021 to 02/2023**Mersys**, Frankfurt (Remote)

- Created detailed, comprehensive, and well-structured test plans and cases, ensuring maximum test coverage and accuracy.
- Designed, developed, and executed automation scripts using open-source tools, increasing testing efficiency and consistency.
- Collaborated with cross-functional teams to align system requirements with business needs.
- Kept scripts and test cases updated with current requirements.
- Advised developers on problems with databases, performance and other issues.
- Developed and maintained defect databases for known issues.

PHYSICS TEACHER 08/2013 to 06/2019**PI Analitic**, Cyprus

- Applied analytical and systematic problem-solving skills to convey complex scientific concepts, directly supporting the structured thinking required in QA and engineering roles.
- Designed educational content and conducted interactive sessions, developing strong mentorship and presentation skills later utilized in training new QA professionals.
- Provided physics demonstrations to illustrate how coursework can be applied.
- Tested students on knowledge of physics and retention of class lessons.

EDUCATION**Techo Study Inc**, USA**Software Development Engineer In Test(SDET)**, 08/2020**Ataturk University**, Turkey**Bachelor of Science**, Physics, 06/2013

CERTIFICATIONS

- ISTQB
- WebdriverIO
- Cypress
- Postman
- Appium
- Python
- Javascript
- Kotlin

LANGUAGES

