



Jagoda Perić

Senior Software Test Automation Engineer

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📄 Article: *What is GitHub Copilot in the Test Automation World*

Profile

Senior Software Test Automation Engineer with experience in building, improving, and maintaining automated testing solutions across web, API, mobile, and data-driven systems. Hands-on expertise in Python, Playwright, Selenium, Cypress, and API testing, with experience in data validation, test framework design, and validation of complex business workflows.

Experienced in defining test approaches, improving quality processes, and supporting reliable software delivery in Agile environments. Also using AI tools such as GitHub Copilot and Claude Code as support tools for faster analysis, more efficient test development, and easier execution of daily engineering tasks. Recognized for a structured and analytical mindset, attention to detail, and the ability to combine technical testing expertise with a clear understanding of business logic and product quality.

Professional Experience

Senior Software Test Automation Engineer

Engineering Insights d.o.o.

April 2025 – Present

- Working as a Senior Software Test Automation Engineer on a reinsurance project for the RenaissanceRe (RenRe) account
- Developing and maintaining automated test solutions in Python
- Designing and executing Unit, Integration, System, Functional, and End-to-End tests
- Working with Soda for data quality validation
- Validating complex business logic related to risk modeling and reinsurance workflows
- Performing data validation across complex reinsurance and risk-modeling workflows to ensure data accuracy, consistency, and integrity across inputs, transformations, and generated outputs
- Working with AWS cloud services, including S3 and cloud-based workflows, as part of test automation and validation activities

- Using AI tools such as GitHub Copilot and Claude Code as support for faster analysis, more efficient test development, and easier handling of daily tasks
- Collaborating closely with cross-functional engineering teams in an Agile environment
- Contributing to the quality, reliability, and consistency of mission-critical financial and insurance systems

Senior Software Test Automation Engineer

InterVenture / Ifolor

December 2024 – March 2025

- Designed and developed a test automation framework from scratch using Playwright and TypeScript
- Analyzed business requirements and defined test strategies to identify and mitigate risks
- Created and maintained automated test suites for reliable regression coverage
- Used AI tools as support for easier analysis, faster test implementation, and more efficient daily work
- Worked in an Agile/Scrum environment using Azure DevOps and Microsoft tools
- Performed Sanity, Smoke, Functional, and Regression testing
- Created and maintained test documentation, including test plans, bug reports, and QA checklists

Software Test Automation Engineer

IT Labs / Anthology

January 2024 – December 2024

- Designed and implemented a complete automation framework using Playwright and TypeScript
- Used AI tools such as GitHub Copilot and Claude Code as support tools for easier analysis, faster test development, and improved day-to-day efficiency
- Reviewed and analyzed functional and technical requirements
- Created and maintained test documentation, test plans, bug reports, and QA checklists
- Performed Sanity, Smoke, Functional, and Regression testing

Software Test Automation Engineer

IT Labs / Notting Hill Genesis

February 2022 – January 2024

- Developed automated API tests using RestSharp (C#)
- Created UI automation tests using Cypress (JavaScript) and Selenium WebDriver
- Used AI tools as support for easier analysis, test design, and execution of daily QA activities
- Contributed to DevOps processes and worked within Agile/Scrum teams

- Reviewed requirements and collaborated closely with developers and stakeholders
- Created and maintained test plans, bug reports, and QA documentation
- Performed Sanity, Smoke, Functional, and Regression testing

Software Test Automation Engineer

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August 2019 – December 2021

Projects: Daytona, LogPay, Leysieffer GmbH, ElectricRoutes GmbH, Mercedes Pay GmbH, BANF

- Automated API tests using Rest Assured (Java)
- Developed UI tests with Selenium WebDriver (Java), Cypress (JavaScript), and Appium
- Tested Android, iOS, and web-based applications
- Performed performance testing using JMeter
- Used SQL for data validation and backend verification
- Collaborated with design tools such as Figma, InVision, and Zeplin
- Created and maintained test documentation, bug reports, and QA checklists

QA Engineer

EFRONT

January 2019 – July 2019

- Participated in Agile/Scrum development processes using TFS
- Performed manual and automated testing using C#, SOAP, and REST services
- Wrote test cases and maintained test documentation
- Used SQL queries for data validation

QA Engineer

Agencija za programiranje JAGODAPERIC

September 2018 – January 2019

- Automated API tests using Rest Assured (Java)

Police Inspector

Police Department for the City of Belgrade

March 2011 – August 2018

- Analyzed police databases using SQL, Excel, and PowerPoint
- Created statistical and analytical reports to improve operational efficiency

Skills

Test Automation & Frameworks

- Playwright
- Cypress
- Selenium WebDriver
- Appium
- PyTest

Programming & Scripting Languages

- Python
- TypeScript
- Java
- C#

Testing Types & Methodologies

- Unit Testing
- Integration Testing
- System Testing
- Functional Testing
- End-to-End (E2E) Testing
- Regression Testing
- Smoke Testing
- Sanity Testing
- Performance Testing
- Data Validation

Cloud Platforms

- Amazon Web Services (AWS): S3, cloud-based workflows, environment validation
- Microsoft Azure: Azure DevOps, pipelines, test execution support

Tools & Platforms

- JIRA
- Azure DevOps
- TestRail
- Postman
- Swagger
- Figma
- Soda
- GitHub Copilot
- Claude Code

QA & Engineering Practices

- Test Planning and Test Strategy
- Test Documentation and Reporting
- Exploratory Testing
- DevOps and CI/CD Integration
- Agile / Scrum Methodologies
- Business Workflow Validation

- Data Quality Validation

Education

- **ISTQB Foundation Level Certification** — November 2019
- **Master's Degree in Law** — University of Belgrade, 2012
- **Bachelor's Degree, Justice Police Inspector** — Police Academy, Belgrade, 2010
- **QA Automation Engineer Certification** — Nonprofit IT School, 2018

Languages

- **English:** Fluent
- **Serbian:** Native

Certifications

- **ISTQB Foundation Level** — International Software Testing Qualifications Board
- **QA Automation Engineer Certification** — Nonprofit IT School, Belgrade