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Summary

QA Engineer with hands-on experience in automated UI, API, and end-to-end testing using Robot Framework, Playwright, Python, and Jenkins. Six months of professional QA experience at Abloy Oy testing both software and embedded EAC hardware. Skilled in CI/CD automation, test design, defect analysis, and building reliable automation frameworks.

Technical Skills

- **Automation & Testing:** Robot Framework, Playwright, Selenium WebDriver, API testing, POM
- **CI/CD & Tools:** Jenkins, GitLab CI, Docker, tox, Git
- **Programming:** Python, JavaScript/Node.js, TypeScript, Java
- **Databases & OS:** MySQL, MongoDB, Linux (Ubuntu), Windows
- **Other:** UiPath, REST APIs, Express.js

Professional Experience

Trainee Software QA Engineer | Abloy Oy | Mar 2026 - Aug 2026

- Worked as part of a four-person QA team responsible for the quality of the ABLOY OS Electronic Access Control product.
- Created and maintained automated tests using **Python, Robot Framework, and Playwright**, with **GitLab** for version control.
- Ran automated test suites through **Jenkins CI/CD**, including scheduled nightly and weekly test runs.
- Performed manual release testing for **UI features, APIs, system integrations, and full user workflows**.
- Conducted **functional, regression, exploratory, and browser automation testing**.
- Tested physical **EAC hardware** including controllers and **CLIQ** locking devices to ensure correct software-hardware integration.
- Managed and maintained **Linux-based test servers** running **Ubuntu**.
- Reported software defects with clear reproduction steps, analyzed test results, verified fixes, and collaborated with developers.
- Participated in **Scrum**: daily stand-ups, backlog refinement, sprint planning, retrospectives, and demos.

Learning & Development Data Analyst | Accenture plc | Mar 2021 - Apr 2023

- Analysed training quality metrics for 5,000+ employees across 200+ courses using Power BI dashboards.
- Worked with data from an SAP-based learning management environment and related reporting systems.
- Checked training records, course data, and employee learning information for accuracy and completeness.
- Validated SAP-related reports before publishing them to identify missing, duplicated, or inconsistent data.
- Created more than 50 monthly reports and performed data checks that helped maintain 95%+ accuracy in training analytics.
- Investigated reporting discrepancies and followed up with relevant teams when data required clarification or correction.
- Supported the L&D team by turning learning data into clear reports for performance and training analysis.
- Received the 2021 Best Performer award in the L&D team for analytical contributions.

Projects

AutomationExercise - Full-Stack Test Automation Framework| Sep 2026

[GitHub](#)

Python, Robot Framework, Playwright, Jenkins, Docker

- Built unified UI + API automation using Robot Framework, Playwright, and custom API libraries with enterprise-style CTX architecture.
- Implemented CI/CD on Ubuntu VMs using Jenkins Freestyle + tox and modern Jenkins Pipeline with Docker

Abloy® Key Management System Backend & QA Automation | Nov - Dec 2025

Node.js, Express, TypeScript, Robot Framework, Winston

- Developed automated API test cases using Robot Framework covering pagination, error handling
- Implemented Winston-based logging system with daily rotation, error tracking, and performance monitoring

Let's Donate | Full-Stack Donation Platform | Apr 2025

[GitHub](#)

Node.js, Express, MongoDB, Passport.js,

- Created web platform for donating household items with authentication (Passport.js, bcrypt) and RESTful API
- Built admin dashboard for donation approval, user management, and content moderation

PDF Invoice Automation & Validation | RPA Solution | Sep - Nov 2024

[GitHub](#)

UiPath, Robot Framework, MySQL

- Automated invoice extraction PDFs using UiPath
- Integrated MySQL database for storing invoice data with normalized schema and status tracking

Jimms E-commerce QA Automation | End-to-End Testing | Oct 2024

[GitHub](#)

Robot Framework, Selenium WebDriver

- Developed automated test suite validating critical user flows from product search to checkout completion
- Implemented test scenarios covering catalog browsing, cart operations, and form validations

Lego Robot Line Following Autonomous System | Mar - May 2024

[GitHub](#)

Java, LeJOS EV3, REST APIs, multi-threading

- Programmed Lego robot with color sensor line-following and ultrasound obstacle avoidance
- Built multi-threaded system sending real-time telemetry data to remote server via REST API

Academic Thesis

Implementing Automated UI Tests for a Reporting Feature in a React Web Application Using Robot Framework, Python, and Jenkins CI/CD | HAMK University of Applied Sciences | 2026

- Developed seven automated UI tests for a reporting feature in a React-based enterprise web application.
- Used Robot Framework, Python, Playwright, and the Page Object Model pattern.
- Automated key workflows including filtering, pagination, and CSV/XLS data export.
- Integrated the test suite into a Jenkins CI/CD pipeline for automated execution.
- Achieved a 100% pass rate with a total test execution time of 1 minute and 35 seconds.
- Commissioned by Abloy Oy.

Thesis: [Read the full thesis](#)

Education

- **BBA Computer Applications** | HAMK, Finland | Aug 2023 – Jul 2026
- **BSc Physical Science** | University of Colombo, Sri Lanka | 2014 - 2018

References

Sami Merovuo | R&D Manager | Abloy Oy, Espoo, Finland

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