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Summary

QA Engineer with hands-on experience in manual and automated testing of UI, API and end-to-end workflows, using Robot Framework, Playwright, Python and Jenkins. Six months of professional QA experience at Abloy Oy testing both software and physical EAC hardware (controllers, CLIQ keys and cylinders). Skilled in CI/CD automation, test design, defect analysis, and building and maintaining automation frameworks.

Technical Skills

- **Automation & Testing:** Robot Framework, Playwright, Selenium WebDriver, API testing, Page Object Model (POM), functional, regression, exploratory and end-to-end testing, test case design
- **CI/CD & Tools:** Jenkins, GitLab CI, Docker, tox, Git, Jira, Postman
- **Programming:** Python, JavaScript/Node.js, TypeScript, Java
- **Databases & OS:** SQL, MySQL, MongoDB, Linux (Ubuntu), Windows
- **Other:** UiPath, REST APIs, Express.js
- **Languages:** English (Fluent), Finnish (Beginner)

Professional Experience

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

- Worked in a four-person QA team responsible for the quality of the **ABLOY OS** Electronic Access Control product.
- Designed, wrote and extended **80+** automated tests and maintained the existing suite using **Python, Robot Framework and Playwright,** with **GitLab for version control**.
- Wrote **end-to-end** tests for **key validity**, **access**, **alarm** and **audit reports**, **XML import** and **token/role access**, combining UI actions with **REST** setup and **MySQL** verification.
- Ran and maintained **~1,000 automated tests**, split across several **Jenkins CI/CD** jobs, including nightly (**~12 h**) and weekly scheduled 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 keys** and **cylinders**, to ensure correct software-hardware integration.
- Managed and maintained **Ubuntu-based Linux test servers**.
- Reported defects in **Jira** with clear reproduction steps, analysed failed runs, 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 and SAP-based data.
- Validated SAP reports before publishing to catch missing, duplicated or inconsistent data, and followed up with teams to resolve discrepancies.
- Produced **50+** monthly reports with data checks that maintained **95%+** accuracy.
- Received the **2021 Best Performer** award in the L&D team.

Projects

AutomationExercise - Full-Stack Test Automation Framework | Sep 2026 | GitHub

Python, Robot Framework, Playwright, Jenkins, Docker

- Built a unified UI and API test automation framework for the automationexercise.com demo shop using Robot Framework, Playwright and custom Python API libraries, organised in a layered, context-based architecture (CTX).
- Set up CI/CD on Ubuntu VMs with Jenkins Freestyle jobs using tox, and a Jenkins Pipeline running in 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 and error handling.
- Implemented Winston-based logging system with daily rotation, error tracking, and performance monitoring.

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.

Other projects (**More on my portfolio and Github**):

- **Let's Donate, a full-stack donation platform** (*Node.js, Express, MongoDB, Passport.js*).
- **Lego Robot line-following system** *(Java, LeJOS EV3, 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.
- 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

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