# **Emil Safin**

Automation QA Engineer | Manual QA Engineer | Fullstack QA Engineer

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#### **SUMMARY**:

Senior QA Engineer with 5 years of experience in backend application testing for web applications. Expertise includes leading QA teams, implementing test automation solutions, and enhancing Agile/Scrum testing methodologies. Proficient in manual testing, API testing (manual and automated), and CI/CD pipeline integration using Jenkins, with a strong understanding of testing principles, client-server architecture, HTTP-protocol, and RESTful APIs. Technical skills in Kotlin, Java, JavaScript, and PostgreSQL, including scripting skills for task/test automation. Demonstrated success in resolving complex technical challenges through cross-functional collaboration, process innovation, and proficiency in Unix-like systems and command-line tools.

### SKILLS AND TOOLS:

**Programming Languages:** Kotlin, Python, JavaScript, HTML, CSS **Test Automation:** Playwright, TestNG, RestAssured, Jenkins, JMeter

API Testing: Postman, Swagger, REST API (RESTful APIs), SOAP API, HTTP-protocol

Test Management: Jira, Zephyr Scale, TestIT, Confluence

Databases: PostgreSQL, Redis

**Version Control & CI/CD:** Bitbucket, Git, Jenkins (CI/CD pipelines)

Operating Systems: Windows, Linux (Unix-like systems)

Development Tools: IntelliJ IDEA, VS Code, DBeaver, command-line tools

Testing Types: Functional, Integration, UI, Smoke, Regression, API testing (manual and automated), Database, Automation,

Performance testing, load testing, stress/load tests

Languages: English (Intermediate - B1, Reading Comprehension for technical documentation), Russian (native)

### **EXPERIENCE**:

# Software QA Engineer (went from junior Test Engineer to Head of QA)

SL SOFT - "Цитрос" (https://slsoft.ru/products/citros/) | 2021 – Present

# 2024 - 2025:

- Led 7 QA engineers across **3 concurrent projects** improving release predictability
- Reduced release delays by 30% through optimized test planning
- Developed Kotlin/Jira API test metrics system integrated with Jenkins CI/CD
- Cut manual reporting time by 97% (35x faster) through automation
- Created **shift-left testing** practices including: develop test checklists during feature estimation. Prepare Postman/Katalon collections, reuse them for regression testing and main branch testing.
- Reduced feature testing effort by 25%
- Executed testing for 40+ major features
- Logged 200+ defects through hands-on testing
- Resolved 100+ L2/L3 technical support tickets

### 2023 - 2024:

- Implemented dynamic critical functionality matrices
- Implemented load testing project using JMeter DSL
- Reduced production bugs by 67% (3x reduction)
- Automated testing for 5 API functional modules (30+ tests)
- Developed **PostgreSQL scripts** using loops and functions
- Handled **50**+ support tickets

#### 2022 - 2023:

Led end-to-end testing for key enterprise project

- Initiated test automation framework development
- Fixed **20**+ automation tests in Kotlin
- Created **15**+ new automated tests
- Developed test documentation: cases, suites, checklists, and reports
- Conducted user acceptance testing with customers

### 2021 - 2022:

- Mastered product functionality through intensive training
- Executed initial feature testing for 15+ components
- Logged 100+ defects during UI validation
- Performed UI functionality and design verification

#### PROJECTS:

## 1) QA Metrics Collector (Kotlin/Java, Jira API, Jenkins):

Automated solution for gathering test metrics from Jira, integrated into CI/CD. <a href="https://github.com/EmSafi/qa\_metrics\_collector">https://github.com/EmSafi/qa\_metrics\_collector</a>

## 2) API Autotests Framework (Kotlin, TestNG):

Automated test project for REST API verification. https://github.com/EmSafi/api\_tests\_kt

### **EDUCATION:**

## Master of Science (MS) in Statistics

Bashkir State University (Institute of Economics, Finance and Business).

Graduated: 2022