

# Serhii Kravchenko

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## ◆ Summary

Results-driven **Test Automation & DevOps Engineer** with **3 years of experience** in **automated testing, CI/CD pipelines, and cloud infrastructure**. Specialized in designing **scalable test automation frameworks**, **optimizing DevOps workflows**, and **ensuring high-quality software releases**.

Passionate about **integrating automation into CI/CD pipelines**, reducing deployment risks, and optimizing software delivery.

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## ◆ Key Skills

- ✓ **Test Automation:** Selenium | PyTest | Jest
  - ✓ **Programming/Scripting:** Bash | Python | JavaScript | SQL
  - ✓ **CI/CD & DevOps:** Jenkins | GitHub Actions | Azure DevOps
  - ✓ **Cloud & Infrastructure:** Azure | Docker | Kubernetes
  - ✓ **Configuration Management:** Oracle VirtualBox | Ansible
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## ◆ Work Experience

### Business Intelligence Consultant

📍 OneSpire Zrt | Budapest, Hungary | November 2021 – Present

#### Key Responsibilities:

- Designed and automated **CI/CD pipelines in Azure DevOps**, enabling continuous testing and deployment.
- Developed **scalable test automation frameworks** for **web, mobile, and APIs**, ensuring robust test coverage.
- Automated test execution in **Dockerized environments**, integrated with **Kubernetes** for scalable deployment.
- **Optimized system monitoring**, reducing downtime by **25%** through proactive issue detection.

- Led **test automation initiatives**, improving early defect detection and reducing production issues.
- Conducted **performance testing**, identifying and resolving bottlenecks before production releases.
- Ensured **database integrity** by writing and executing **SQL queries** for data validation.
- Integrated **Shift-Left Testing**, collaborating with developers to implement testing earlier in the SDLC.

#### Key Achievements:

- ✓ Reduced manual testing time by **60%** through robust automation.
  - ✓ Increased deployment frequency by **25%** by automating CI/CD processes.
  - ✓ Identified and resolved **critical defects pre-production**, enhancing software quality.
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## Manual Quality Assurance Engineer

📌 SunByte Digital | Miami, FL | May 2017 – March 2019

#### Key Responsibilities:

- Designed and executed **test cases for web applications**, identifying critical defects before deployment.
  - Conducted **API testing with Postman**, validating RESTful services and response accuracy.
  - Developed **comprehensive test plans**, reducing post-release defects by **40%**.
  - Executed **functional, regression, and exploratory testing** across multiple platforms.
  - Documented and reported software defects with **step-by-step reproduction logs**, enabling quick resolution.
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## ◆ Projects

### Over Share It

- 📌 **Tech Stack:** Flask (Backend) | HTML, CSS, JavaScript (Frontend) | GitHub Actions (CI/CD)
- ◆ Flask-based API-driven contact management web app with a **static frontend**.
  - ◆ Supports **secure CORS, CRUD operations, and automated smoke tests** in a **GitHub Actions CI/CD pipeline**.

### Wish List

- 📌 **Tech Stack:** Node.js | Express | EJS | SQLite3 | Render
- ◆ Full-stack wish list app featuring **session-based authentication, secure routes, and a CI/CD pipeline** running automated tests before deployment.

## Count On Me

📌 **Tech Stack:** Static site | Jest | GitHub Actions | Render

- ♦ Static site deployed on Render, ensuring **code quality through Jest-powered unit testing** and a **GitHub Actions CI/CD pipeline**.

## Rate It Out

📌 **Tech Stack:** Flask | Mailtrap | Render | GitHub Actions

- ♦ Flask-based feedback application that **collects ratings/comments, prevents duplicate submissions, and sends email notifications** via **Mailtrap**.
- ♦ Deployed on **Render.com** with **GitHub-integrated automated deployments**.

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## ♦ Open Source & Security Contributions

- ✓ Identified and responsibly disclosed security vulnerabilities in **Private Vulnerability Disclosure Programs**, contributing to improved security for various platforms.
- ✓ Developed and maintained multiple **open-source GitHub projects**, showcasing expertise in **CI/CD automation and GitHub Actions**.

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## ♦ Additional Information

✓ **Work Authorization:** *Fully authorized to work without visa sponsorship or relocation assistance!*

✓ **Languages:**

- **English** – Fluent
- **Hungarian** – Modest
- **Russian** – Native
- **Ukrainian** – Native

✓ **Notice Period:** 4 Weeks

✓ **Open to Relocation:** No

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