Eugene Chekan

Software Engineer in Test





PROFESSIONAL SUMMARY

Experienced Software Engineer in Test with 4+ years of expertise in test automation, embedded systems, and quality engineering. Passionate about building robust testing frameworks and automation solutions for complex IoT, healthcare, telecommunications projects. Proven track record of implementing custom testing tools, enhancing CI/CD pipelines, and delivering high-quality software solutions across diverse technical domains. Self-motivated problem solver with strong analytical skills and a keen eye for detail.

2027

EDUCATION

LANGUAGES

Bachelor	of Science	in Comput	er
Science			

European Humanitarian University

Vilnius, Lithuania

English	B2+
Belarusian	Native
Russian	C2

EXPERIENCE

Software Test Automation Engineer

EPAM Systems (Cigna Corporation)

Feb 2024 - May 2025

Led end-to-end testing for Dedicated Medicare Operating Model (DMOM) migration across 5 value streams. Enhanced testing framework with custom Robot Framework libraries and automated complex enrollment scenarios.

AWS PostgreSQL Microsoft SQL Server **SQLAlchemy Robot Framework** Boto3 Python **REST API Playwright**

Software Test Automation Engineer EPAM Systems (Verizon Communications) May 2023 - Feb 2024 Developed test automation for Intelligent Lighting system for smart city infrastructure. Created automated test cases, maintained project backlog, and investigated field device issues with IoT devices. Jenkins Wireshark Git Linux Pytest qTest Docker Python LWM2M CoAP **Software Test Automation Engineer EPAM Systems (Alert Innovation)** Jan 2022 - May 2023 Worked on Alphabot warehouse delivery robots project. Ported Python2 to Python3 wrappers, implemented custom client utilities for robot control, and developed test automation frameworks. Azure Cosmos DB RTOS Ubuntu GitLab CI TestRail Python CAN Linux I2C/SMBus **UART** QNX **Software Test Automation Engineer EPAM Systems (Verizon Communications)** Jun 2021 - Dec 2021 Performed functional testing for embedded lighting control devices and Quectel modem firmware. Contributed to test automation framework development using Pytest. Redis KISS Database LWM2M LTE **UART** GPS Pytest Student/Trainee **EPAM Systems (Liberty Global Services)** Mar 2021 - May 2021 Worked on Disaster Recovery design and implementation. Created AWS instances using Terraform and performed E2E testing of video streaming applications. Python Pytest **Testinfra** REST API **Terraform AWS EC2**

KEY PROJECTS

Python KISS DB Implementation Created a Python implementation of KISS database system for embedded applications. Python Database Design

Robot Command & Control Utility

Implemented custom client utility for commanding and controlling warehouse delivery robots.

Python Robotics

Network Protocols

Embedded Systems

Hawkbit Protocol Client

Developed custom client to support communication over Hawkbit protocol for IoT device management.

Python IoT Hawkbit

Device Management

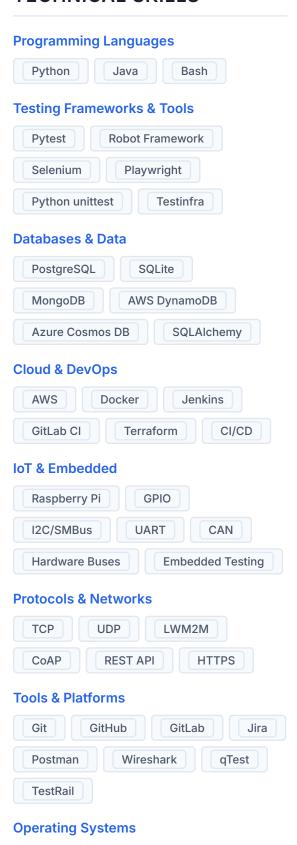
Healthcare Robot Framework Library

Created custom Robot Framework library for healthcare enrollment management application testing.

Robot Framework Python

Healthcare Test Automation

TECHNICAL SKILLS



3

Linux

QNX

Ubuntu

RTOS

Windows