






# Eugene Chekan

## Software Engineer in Test

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## 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, and 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.

## EDUCATION

**Bachelor of Science in Computer Science** 2027  
[European Humanitarian University](#)  
Vilnius, Lithuania

## LANGUAGES

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.

[PostgreSQL](#) [Microsoft SQL Server](#) [AWS](#) [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

qTest

Git

Linux

Docker

Pytest

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

Ubuntu

GitLab CI

TestRail

Python

RTOS

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

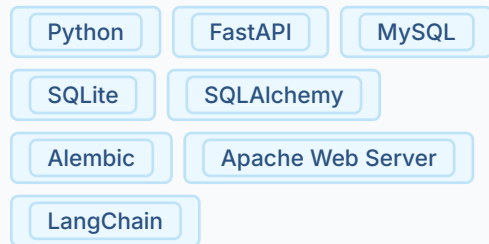
Terraform

AWS EC2

## KEY PROJECTS

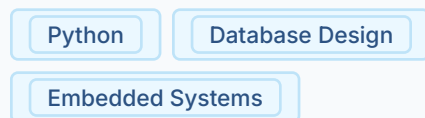
### Backend for 'idre.me' dream-analysis web app.

Developed a backend for 'idre.me' dream-analysis web app. The app allows users to analyze their dreams and get insights into their subconscious.



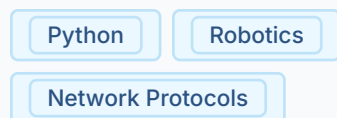
### Python KISS DB Implementation

Created a Python implementation of KISS database system for embedded applications.



### Robot Command & Control Utility

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



### Hawkbit Protocol Client

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

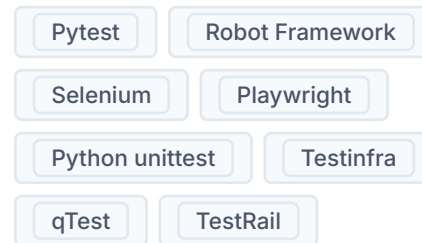


## TECHNICAL SKILLS

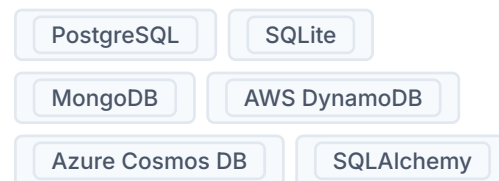
### Programming Languages



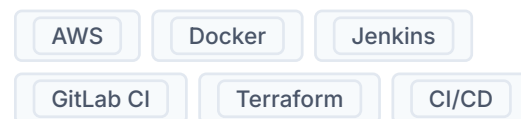
### Testing Frameworks & Tools



### Databases & Data



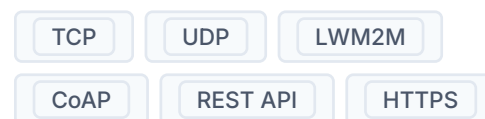
### Cloud & DevOps



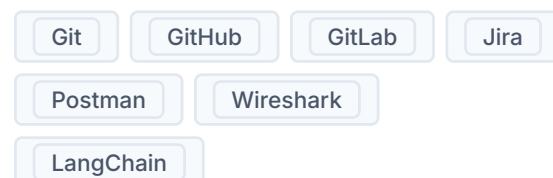
### IoT & Embedded



### Protocols & Networks



### Tools & Platforms



### Operating Systems

