

STAV LOBEL

SOFTWARE ENGINEER

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SUMMARY

Software Engineer with a strong foundation in Python, automation, and scalable architecture. Experienced in developing robust QA automation frameworks using PyTest, Playwright, Selenium, and CI/CD pipelines. Passionate about clean code, OOP, and building tools that elevate software quality and team efficiency.

TECHNICAL SKILLS

Python	CI/CD Pipelines	Selenium
PyTest	Playwright	API Testing
OOP & SOLID	TDD	Allure Reports
FastAPI	RESTful APIs	Unit & E2E Testing
Docker	Git & GitHub	Test Strategy
HTML/CSS/JS	Firebase	Automation Frameworks

PROFESSIONAL EXPERIENCE

Automation Developer, REE Automotive

Mar 2023 – Jun 2025

- Developed robust Python automation tools to test EV systems over CAN bus using python-can and DBC parsing.
- Built a multithreaded analyzer for detecting cycle-time violations, with HTML reports and automated Git-based workflows.
- Integrated PyTest frameworks for functional and UI testing across systems.
- Improved development velocity by applying clean architecture, OOP, and CI/CD via Bitbucket Pipelines.

Automation Developer, Intel Corporation

Aug 2021 – Mar 2023

- Led test automation for Thunderbolt validation using Robot Framework, Python, and API tools (Requests, Postman).
- Designed and maintained pipelines using GitHub Actions and TeamCity for fast, safe deployments.
- Validated hardware/software integrations across Intel platforms, ensuring high performance and system reliability.

EDUCATION

B.Sc. in Software Engineering

2017-2021

SCE – Shamoon College of Engineering

- Selected for the AI & Data Analysis excellence track, focused on advanced machine learning, data-driven systems, and real-world AI applications.

LATEST PROJECTS

- Personal Portfolio Website**
 - Built with React, TypeScript, Vite, and Tailwind CSS. Features GitHub integration, responsive design, and CI/CD via GitHub Actions + Docker.
- What's the Chance? – Social Game App**
 - Real-time social game built with React, TypeScript, Vite, Tailwind CSS, and FastAPI. Uses Firebase for storage/auth and CI/CD with TDD via GitHub Actions + Docker.