

Aviram Rabinovitch

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Skills

DevOps: Docker , Github Actions

Programming Languages: Javascript (react , node.js , typescript) , Python , Bash

Operating Systems: Linux (Arch, NixOS, Ubuntu, Debian), Windows

Tools & Technologies: Jira, REST APIs , AI tools (chatGpt , V0)

Experience

Automation Engineer, Elbit Systems – Netanya, Israel

Jan 2023 – Jan 2025

- **Automation Development:** Built and deployed internal tools to automate Software-defined radio (SDR) testing and deployment, reducing manual intervention.
- **Testing Optimization:** Developed Python-based automation to streamline the software validation process, ensuring accuracy and efficiency.
- **Security & Compliance:** Assisted in software validation and compliance testing, integrating automated checks for reliability.
- **Cross-Team Collaboration:** Worked with multidisciplinary teams to troubleshoot and resolve technical issues, improving testing workflows.

Work Projects

Full-Stack Terminal Management

<https://github.com/DevSnippy/terminal-app>

- Built a web-based terminal system for managing real-time Telnet & serial port connections, enabling streamlined device communication.
- Features command history, autocomplete, and scripting for automation, improving efficiency in managing remote sessions.

Data Test GUI for SDRs

- Created a GUI-based SDR data testing tool using CustomTkinter, providing a visual interface for monitoring and validating data transmissions.
- Supports configurable test parameters, live monitoring, and automated test execution for accurate diagnostics.

Automation for SDRs

- Developed a Python-based automation tool for SDR software burning and testing, eliminating manual errors and ensuring consistency, as well as monitoring and validating data transmissions.
- Integrated FTP, TFTP, SNMP, and Serial protocols for efficient SDR software updating and monitoring.

Education

Netcraft Academy – Full-Stack Development

08/2023