



Rok Vidmar

IT and QA Engineer

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EDUCATION

Master in Electrical Engineering

2019–2022 · University of Ljubljana

Emphasis on ICT. Wrote a master thesis about different VPN solutions available in 2022.

EXPERIENCE

CxT Technical Lead — Plume Design Inc.

November 2022 – Present · at the company from April 2021

- Maintaining testing environment for CxT testing (L2, L3 networking)
- Maintaining test plans, reporting and debugging software issues — embedded, mobile
- Introducing innovation in scope of team and company
- Testing network equipment

IT Consulting

2020 – Present

- Advising and maintaining IT infrastructure for startups
- Maintaining VPN environment/backups for companies
- Automating backup system based on restic/borg
- Helping develop system architecture for cloud managed PV solution

PERSONAL PROJECTS

Personal Finance Logger

2024 · Google AppScript — Google Sheets

A free personal finance tracking app living entirely in Google Sheets, driven via Telegram.

[GitHub](#)

Storm Alert — Slovenia

2024 · Python

Uses the Slovenian Environmental Agency API to detect storms; integrates with smart home and SQL logging.

[GitHub](#)

PUBLICATIONS

Evaluating ZeroTier VPN against competing solutions

2022 · Master's Thesis

Addressed emerging free VPN solutions, focused on ZeroTier's peer-to-peer approach vs OpenVPN and WireGuard.

[Thesis](#)

Connected device control using Multi Access Point WiFi Systems

2022 · Patent

[Patent link](#)

Computerized systems and methods for wireless roaming simulation

2023 · Patent

[Patent link](#)

Method for authenticating user using gestures and/or locomotive movements

2024 · Patent

[Patent link](#)

System that enables gesture-based control of connected devices

2024 · Patent

[Patent link](#)

SKILLS

★★★★★

Software Testing Networking Bash Python RPi Linux
Problem Solving

★★★★

Docker Home Assistant RStudio

★★★

PHP SQL C++

Other

Photography Adobe Photoshop Adobe Illustrator Adobe Premiere