Petri Heikkinen

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Education

BE	**Tampere University of Applied Sciences**, Bachelor of Engineering in Information and Communication Technology – Tampere, Finland	Aug 2024 – present
Voc	**Sasky Tampere College of Services**, Software Developer, Information Technology – Tampere, Finland	Aug 2022 – Apr 2024

- GPA: 5.0/5.0

Experience

IT System Specialist, Communications developer, University of Helsinki – Helsinki, Finland · Feb 2025 – present

Consulting on science outreach and communications development
- Consept initialization
- Content creation and updating

Software Developer, Comparo Oy (internship) – Turku, Finland · Mar 2023 – Nov 2023

Collaborated on standardizing development processes while enhancing environment security, designing robust backup system, documenting, and streamlining deployment.
- Co-designed unified practices for trainee groups
- Strenghtened development environment security
- Designed, configured and tested backup strategy
- Documented site implementation (WordPress)

IT System Specialist, Kirja- ja Lehtilinna (internship) – Kuopio, Finland · Nov 2022 – Jan 2023

Design and installation of Linux internet kiosk for customer use.
- Sourcing second hand hardware
- Servicing and testing the hardware
- Software installation, configuration and documentation
- On site system installation and end user orientation

IT System Specialist, Kirja- ja Lehtilinna – Kuopio, Finland · Jan 2021 – Feb 2021

Design and installation of an advertising display
- Hardware sourcing
- Software installation, configuration and documentation
- On site system installation and end user orientation

Personal Assistant, Med Group oy – Pirkanmaa region, Finland · July 2021 – present

Assisting people with wide variety of disabilities to get by with their daily life challenges.
- Primarily independent work including working hours planning
- Customers around Pirkanmaa region

Various positions, in multiple companies – Finland · June 1988 – present

Design and installation of an advertising display
- Among others I have worked in the **cultural**, **logistics**, **restaurant** and **property maintenance** sectors.
- A total of over ten years of experience in the **social sector** and as a **customer service representative**.

Projects

stumble.eu.org · May 2023 – present

Designed and created informational web resource focused in technology and learning

- Acquired and configured domain
- Created CI/CD pipeline
- Designed and published web site

Languages

Proficiency: English (fluent), Finnish (native), Swedish (Elementary proficiency)

Skills

Operating systems CLI / GUI: Basic (C64), MS-DOS, Windows, Linux, Android / Lineage OS / CrDroid, OS X / Mac OS, IOS

Programming: Familiar with C#, C++, Python, HTML + CSS + JavaScript, Bash, Markdown and Git; good understanding of Web and DevOps

Content Management Systems & Static Site Generators: Wordpress, Drupal, Hugo, NueJS

Virtualization: Proxmox, VMWare, Virtualbox

Containerization: Docker CE, LXC

Container management and orchestration: Portainer, Kubernetes

VPN: OpenVPN, Tailscale, ZeroTier

Cybersecurity: Splunk, Suricata, Wazuh

Version control systems: Git, GitLab, GitHub

Content Management Systems & Static Site Generators: Wordpress, Hugo, NueJS

Design / Building / Modifications / Repairs

Computer setups, troubleshooting and repairs: I have designed, built, configured and maintained computer setups since the late 90´s. I´ve also serviced and repaired countless devices including desktop, laptop, mini computers and handheld devices

Data recovery: Experienced on recovering data from mechanical hard drives

Custom OS installations: Windows & OS X –> Linux, Android –> Lineage OS / CrDroid, TP-Link firmware –> OpenWRT

Small network design and installation: I have experience on designing and carrying out physical network installations and network troubleshooting

Extracurricular Activities

- Contributions to NueJS web framework development

- Easing fellow students´ study load by **sharing infrastructure as code** for setting up development environments

- Amateur soccer activity: **Athlete** for HarrasteFutis Nokia and Gotham City FC also **volunteer** and **official** roles for latter

- Instrument building: Built a Telecaster type electric guitar in guidance at adult education centre

- DIY ebike: Retrofitted electric bike conversion kit to a 12-speed mountain bike