

Juuso Mantere

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Education

Metropolia University of Applied Sciences

Helsinki, Finland

Bachelor of Engineering (UAS), Information and Communication Technology

Key studies: CISSP- and CCNA Training Packages, Project Management, Azure Fundamentals, GCP

Work experience

2M-IT

Turku, Finland (Hybrid)

System Specialist

June 2023 - Present

- I provide demanding (L3) IT support in hospital and well-being (VARHA) environments in the Southwest Finland region for devices and systems with more than 10,000 users.
- I solve problems related to hardware, software, networks and medical systems quickly and in an ITIL following manner.
- I maintain and manage endpoint devices using SCCM and azure systems.
- I prepare and maintain technical documentation to ensure the sharing and continuity of information.
- I participate in projects and development projects in cooperation with different teams and suppliers.

Moods Oy

Turku, Finland (Remote)

Software Developer

January 2023 - June 2023

- I worked in an agile development environment in collaboration with the design and development teams in defining project goals and implementing websites with modern technologies. I participated in software testing, debugging
- I utilized version control and project management tools as part of teamwork and Scrum/Kanban type operating models
- I participated in continuous development to ensure stable operation.

Projects

GitHub / Personal Projects

- I developed a Python-based security testing project that focused on secure payload management and secure data storage.
- I built an enterprise IT environment on Azure that simulated the needs of a small and medium-sized organization and included things like: Entra ID, GPO's, MFA, domain controllers, Windows Server, SCCM, and Microsoft Sentinel monitoring.
- I managed version control and collaboration on GitHub and utilized CI/CD pipelines for deployment and testing.

Skills

- **Cloud services and infrastructure:** Microsoft Azure (SaaS, PaaS, IaaS, IaC), Entra ID, Azure Virtual Machines, network solutions, Zero Trust principles, Windows Server, Active Directory, Group Policy, DNS/DHCP, file/print services
- **Management and automation:** SCCM, PowerShell, GitHub/Git
- **Security and Monitoring:** Microsoft Sentinel, Elastic Stack, Burp Suite, Metasploit, Nmap, Kali Linux, Prowler, Identity Management
- **Application and service solutions:** Docker, CI/CD, Apache, Microsoft Power Platform, open-source projects
- **Service management:** ServiceNow, Efecte
- **Programming and scripts:** Python, JavaScript, SQL, C#, PHP, React, Terraform Powers, PowerShell

Certifications

- ITIL 4 Foundation
- Red Hat Linux (RH124 - System Administration I)
- CompTIA Security+
- Blanchard - Leadership

Interests

- Self-development, cybersecurity, cloud services and cloud technologies
- IT infrastructure, system management and automation
- CTF challenges, technical problem solving, security monitoring, and SOC environments
- Continuous learning, technological advancement and AI