

Nikolaos Mitsiou

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github.com/nikEnable

Skills

Virtualization Platforms: Proxmox, Microsoft Hyper-V.

Languages: Python, C++, C, VHDL.

Operating Systems: Windows Server, Linux (Ubuntu, CentOS, Kali).

Scripting: Bash, PowerShell.

File Systems: ZFS (data storage, management, and data integrity).

Softwares/Platforms: Asterisk(PBX), Docker, MATLAB, Quartus, Node-Red.

Networking: Cisco/Mikrotik Switches, and Routers, pfSense firewall and routing.

Experience

Network Engineer, Marpoint– Athens

Apr 2022 - Sep 2023

- Organize and prepare the deployment of new installations.
- Troubleshoot networking incidents and the ability to find the right solution for complex problems.
- Document procedures.
- Designing onboard network design and executing the deployment.
- Provide support to B2B customers.
- Travel to select regions to provide onsite support.
- Provide support and guidance to service IT engineers to ensure timely and quality customer services.

Projects

Surveillance-Platform-IIoT

github.com/nikEnable/Surveillance-Platform-IIoT

- Surveillance-Platform-IIoT, Developed an IoT system using an Arduino MKR WiFi1010 with DHT11 and flame sensors, integrated with Node-Red and MQTT protocol for real-time data monitoring and automation.

Agriculture-Platform

github.com/nikEnable/Agriculture-Platform

- Agriculture-Platform, Developed an IoT sensor system with DHT11 and SRC04 sensors connected to an Arduino Nano, interfaced via serial communication to a Raspberry Pi. Configured MQTT communication, integrated InfluxDB and Grafana on Docker for data visualization, and established alerting rules with Discord notifications for temperature thresholds.

Education

University Of Thessaly – Master degree, Modern Communication Systems and Internet of Things, Present.

University Of Thessaly (former T.E.I. of Larissa) – Bachelor degree, Computer Engineering, Sept. 2022.