YALIN DOĞU ŞAHİN

ELECTRICAL & ELECTRONICS ENGINEERING

EDUCATION & CERTIFICATES

Microsoft Certified: Azure Administrator Associate (AZ - 104)

Microsoft Certified Azure Fundementals

CCNA - Implementing and Administering Cisco Solutions v1.0

English IELTS Academic Certificate Overall 6.5 (C1)

Trakya University Electrical and Electronics Engineering

JOB RELATED SKILLS

Environment :
- Linux
- Rancher
- Kubernetes
- Helm

Tools :
- Ansible
- Bash
- Python
- Javascript
- Prometheus & Grafana

Cloud :
  - Azure   - AWS   - GCP

CONTACT INFO

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https://www.linkedin.com/in/yalindsahin

TryHackMe:
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Address: Bahçeşehir 2. Kısım/Başakşehir/
İstanbul/Turkey

WORK EXPERIENCE

LCWAIKIKI (2023 - Ongoing)
Site Reliability Engineer

- Developed, tested monitoring tool with Python such as p2p ping&tcping metric client to Prometheus. Deployed application to the Kubernetes cluster.
- Developed Server Management Dashboard with Django Framework. Deployed application to the Kubernetes cluster.
- Deployed firewall bandwidth metrics to Prometheus using SNMP protocol.
- Responsible for maintaining & troubleshooting web service' on servers both Windows & Linux.
- Managed Kubernetes clusters across Azure, GCP, and VMware environments, utilizing Rancher as the preferred management tool.
- I designed and developed an end-to-end Infrastructure as Code (IaC) project using Ansible, Packer, Terraform, and Python. The project incorporated phpIPAM for IP reservation, Palo Alto Firewall for automated rule generation based on user-defined applications, and supported deployment on multiple platforms including Azure, GCP, and VMware (on-premises). I served as both the architect and developer, fulfilling user requests for virtual machine provisioning across diverse environments.

Used Technologies: Kubernetes, Docker, Rancher, Helm, Linux, IIS, Ansible, Python, Django

Rahi Systems (2021 - 2023)
Network Engineer

- Designed, integrated, and maintained consolidated network services e.g. switches, routers, firewalls, wireless networks, and network security servers.
- Responsible for writing up accurate technical documentation and assisting with project scope development. Also involved in configuring complex LAN, WAN, SD-WAN, VPN, Wireless, and edge security equipment.
- Responsible for repairing, replacing, and troubleshooting the ZPE devices for customers.
- Responsible for configuring Cisco, Aruba, ZPE, and Brocade switches.
- Prepared a script that clones all the configurations from one ZPE Gate SR to another.
- Prepared a script that detects all the hostnames from the console connections in ZPE Gate SR
- Implemented Google Authenticator as 2FA to the Nodegrid OS which is Linux distribution of ZPE Systems.
- Bundled ZPE box with 128T SD-WAN solution
- Repaired, configured, and deployed to customer's DCs console management servers.
- Configured Wireguard VPN on ZPE Gate-SR, configured the firewall policies for securing their network, and prepared documentation for logistic companies.
- Build IPsec tunnel between ZPE and FortiGate Firewall for SCADA systems.
- Responsible for resetting and customizing the Apple products such as Mac OSx for the customer's employees.
- Built a MacOS toolbar app that fetches all the devices from the API service of Tailscale VPN.

Used Technologies: Ansible, Networking, Linux, Networking, Cisco, Routing & Switching

INTERESTS & HOBBIES

- Certified "Lifetime Achievement Award" in a young jazz competition in IKSV Genç Caz in 2015. As a reward, he played in the 22nd and 23rd Istanbul International Jazz Festival in 2015 and 2016, respectively.
- Jazz guitarist
- Drone Pilot
- Pentester
- Kitesurfer
- Youtuber (Kitesurf and Nature Videos filmed, edited, and published by me.)

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