Murat Sagmak

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SKILLS

Fields of Interest:

Algorithms, AI Algorithms, Data Structures, Cloud Infrastructure, Virtualization, Network and DevOps

Technical Skills:

Python, Linux, Docker, CI/CD, Kubernetes, Cloud Monitoring, Network Management, Network Supporting, Wireshark, Cisco Packet Tracer

PROFESSIONAL EXPERIENCE

Network Engineer   2024 – Present
Nokia   Istanbul, Turkey
- Supporting IP customer's in Europe, Middle East and Africa area.
- Preparing for the Nokia NRS II certification, with completed certifications in Network Fundamentals, OSPF, MPLS, Services Architecture, and BGP.
- I am gaining experience in virtualization with Clab (Container Lab) for network topology simulations and using Prometheus and Grafana for real-time network monitoring and performance analysis.

Network Engineer Intern   2024 – 2024
Nokia   Istanbul, Turkey
- Acquired in-depth knowledge and training in the telecommunications industry, including network technologies and devices.
- Engaged in training programs to deepen my understanding of industry standards and practices.
- Spearheaded a network automation project utilizing Python, Docker, and Jenkins.

Network Engineer Intern   2023 – 2023
Ericsson   Istanbul, Turkey
- Gained extensive knowledge in network and telecommunications while keeping abreast of the latest industry technologies.
- Enhanced technical skills and knowledge through practical applications

PROJECTS

E-commerce Capstone Project

Technologies: PHP, Laravel 11, HTML, CSS, JavaScript, Breeze, MySQL, Docker, Jenkins, GitHub
- Developed an e-commerce platform using PHP Laravel 11.
- Implemented authentication with Breeze and managed the MySQL database (XAMPP).
- Used Docker for containerization and set up CI/CD pipelines with Jenkins.
- Integrated dynamic features with jQuery and AJAX, establishing relationships for categories and products.

Network Automation Capstone Project

Technologies: GitHub, Jenkins (CI/CD), Docker, Python
- Developed a network automation project to automate and monitor network devices.
- Implemented features for periodic checks and email notifications for device errors.
- Deployed the project using containerization principles with Docker.

EDUCATION

Bachelor of Science in Computer Engineering   10/2020 – 06/2024
Cukurova University   Adana, Turkey

Computer Science Erasmus+   10/2023 – 02/2024
AGH University of Science and Technology   Krakow, Poland

CERTIFICATES

- NRS I 🔗
- OSPF 🔗
- MPLS 🔗
- Services Architecture 🔗
- BGP 🔗
- Linux
- Docker
- DevOps Bootcamp 🔗
- Kubernetes (Ongoing)