



# WARD VANDALE

## IoT Infrastructure Engineer

**caring | responsible | studious | committed | fast learner | positive | relaxed | committed | helpful**

### INTERESTS

Networking + Network Security | System Administration  
Web Design & Development | Back- & Frontend Development  
IoT Devices & Robotics

### EXPERIENCE

<b>aug 2022</b> - <b>now</b>	<b>IXOR</b> AWS and infrastructure engineer
<b>feb 2022</b> - <b>jun 2022</b>	<b>EASI</b> Internship at EASI Gent at dep. Network Security as Security Engineer
<b>aug 2018</b> - <b>sep 2021</b>	<b>Febelco</b> – summer Student Job at Febelco Brugge Warehouse worker – Orderpicker / Reception
<b>aug 2017</b> - <b>jul 2018</b>	<b>Spar</b> – summer Student Job at Spar Lichtervelde Shop assistant

### EDUCATION

<b>sep 2019</b> - <b>jul 2022</b>	<b>Howest</b> Studied MCT at Howest Kortrijk Graduation track – IoT Infrastructure Engineer
<b>sep 2017</b> - <b>jul 2019</b>	<b>VHSI</b> Studied IT management at VHSI Brugge Graduated as laureate
<b>sep 2012</b> - <b>jul 2017</b>	<b>Broederschool</b> Studied Economics & Mathematics at Brdrschl Roeselare

### CERTIFICATIONS

<b>Achieved</b> <b>Dec 2024</b>	<b>Survival Kit – People Management:</b> Result-Oriented Leadership (CL2278NCL)
<b>Achieved</b> <b>Feb 2023</b>	<b>AWS Certified Developer</b> – Associate



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### LANGUAGES

Dutch: Mother tongue  
English: Excellent  
French: Moderate  
German: Moderate

### SKILLS

Microsoft Windows + Server  
Linux + Server  
ProxMox Virtual Environment  
VMWare ESXi & vSphere  
HTML5 + CSS3 + JavaScript  
Python + C#

### \*EXPERIENCE at ixor

**Managing office infrastructure**  
PriTunl VPN, Ubiquiti, etc.

**Managing AWS infrastructure**  
(internal & client projects)  
Typescript, AWS-CDK

**IoT project Udini**  
Working with Raspberry Pi and  
Iono

**Client consultations**  
Vlaams Verkeerscentrum  
Maintaining IT infrastructure  
Docker, Ansible, networking,  
Nginx

## EASI

feb 2022 – jun 2022

## IXOR

aug 2022 – ...

# EXPERIENCES

### Fortinet Fortigate

- Setting up Fortigate Firewall machines
- Managing and maintaining the network infrastructure of clients
- Developing program to monitor firewall setup of clients

### Certificates

- Fortinet Network Security Expert Level 1:  
Certified Associate **(feb 2022 – feb 2024)**
- Fortinet Network Security Expert Level 2:  
Certified Associate **(feb 2022 – feb 2024)**
- Fortinet Network Security Expert Level 3:  
Certified Associate **(feb 2022 – feb 2024)**

### Office management

- Managing PriTunl VPN users and connections
- Setting up, and maintaining Ubiquiti network infrastructure
- Installing meeting equipment (screen sharing devices, printers, ...)

### AWS

- Deployment of AWS resources using AWS CDK (typescript)
- Maintaining construct library (set of constructs to streamline our AWS CDK projects)
- Setting up and maintaining AWS accounts of clients

### IoT Project Udini

- Setting up deployment raspbian images (optimizations)
- Follow up leads & customer relations
- Setting up, and maintaining customer setups

### Experience

- Linux (raspberry pi OS)
- IoT (Iono relays board)

### Client consultations: Vlaams Verkeerscentrum

- Maintaining IT infrastructure
- Updating service containers using docker
- Creation of ansible playbooks to install servers
- Setting up proxy configuration in Apache & Nginx
- Maintaining all the servers managed by Ixor
- Hybrid cloud setup
- Develop, setup and deploy a hybrid cloud environment to easily manage, update and deploy docker containers (via AWS ECS Anywhere)

### Extra experience

- Linux: RedHat Linux, CentOS Server, Ubuntu Server
- Virtualization: Nutanix Prism and VMWare