Robert Wessel Blokzijl

Born Vlaardingen, June, 27 1994 – Lives in Delft

✉ wesselb94@gmail.com • in robert-wessel-blokzijl • ⌗ rwblokzijl

Work Experience

May 2021 - present	**DevOps Cloud Engineer**, *Hunt & Hackett BV*, Scheveningen.
	Terraform, Ansible, GCP, Azure
	Design, develop and maintain GCP infrastructure using Infrastructure as Code practices.
Jul 2017 - Jan 2021	**Software Developer C++**, *Reac BV*, Rotterdam.
	C++, ncurses, PostgreSQL, Jenkins, SVN, Debian Linux.
	Working as a part time software developer increasing efficiency by building Linux server installation and maintenance tools.
Nov 2019 - Jul 2021	**Thesis Blockchain engineering**, *TUDelft*, Delft.
	Blockchain, TrustChain, Stablecoin, Digital Euro, Python, VueJS, Android, Kotlin
	Researching stablecoins and creating a Proof of Concept for a digital Euro, to explore the possibilities of blockchain in the Eurosystem.
Jun 2019 - present	**Web Developer**, *Freelance*.
	Python, Django, HTML, CSS, JavaScript, VueJS, Firebase
	Working as a freelance software developer creating and maintaning an on-the-road accounting app, and hosting and maintaning websites for various clients.
Feb 2017 - Jun 2017	**Cloud Hosting - Bachelor Thesis**, *Intermax Cloudsourcing*, Rotterdam.
	Software Defined Networking, Network Virtualisation, VMware NSX, VMware VShphere, VMware ESXi
	Designed and built a VMware NSX lab environment for research and education purposes.
	Delivered an advisory report on the workings, costs, benefits and opportunities of VMware NSX for a hosting company like Intermax.
Sep 2015 - Feb 2017	**Cybersecurity Analyst**, *Fox-IT*, Delft.
	WireShark, Intrusion Detection Systems, Snort, Ransomware, Exploit kits, Advandced Persistent Threats
	Time sensitive analysis of potentially malicious traffic in mission critical customer networks.
Sep 2015 - Jan 2016	**Cyberthreat monitoring Internship**, *Fox-IT*, Delft.
	Sagan log analysis engine, Bro network security monitor
	To expand Fox-IT's anomaly detection capabilities I researched the capabilities and differences of Sagan and Bro in a lab environment.

Education

Sep 2018 - Jul 2021	**Master Computer Science**, *Delft University of Technology*, Delft.

Security and Cryptography, Networking, Advanced Algorithms

My thesis project involved developing a Digital Euro based on the TrustChain blockchain. It involved development in Python, and Kotlin/Android, integration with the Tikkie API, and a field trail with the Netherlands Authority for the Financial Markets (AFM).

Sep 2017 - Jul 2018 **Bridging Program, Master Computer Science**, *Delft University of Technology*, Delft.
Linear Algebra, Software Quality and Testing, Web and Database Technology

Sep 2013 - Jul 2017 **Technische Informatica**, *The Hague University of Applied Sciences*, Delft.
CCNP Routing & Switching, Programming in C and C++, PLC Programming.

Aug 2012 – Jun 2013 **Pre-university education**, *Valdres VGS*, Leira, Norway.

Aug 2010 – Jun 2012 **Electro - Norwegian trade school**, *Valdres VGS*, Leira, Norway.
Specialisation in Data- and Electronics

Other Skills

Languages Dutch: (Mother tongue).

English, Norwegian: (Proficient, oral and written)

Drivers Licence B class

Programming General development: C/C++, Java, Python

App development: Android/Java, Kotlin

Web development: Vue, Django, Firebase, HTML, CSS, JavaScript, SQL, REST, SPA, PWA

Technical Proficiencies Cloud: GCP, Azure, Terraform

Systems: GNU/Linux (Arch, Debian, Ubuntu) - daily personal and proffessional use since 2014

Virtualisation: VMware ESXi, vSphere, NSX, vSAN, Virtual Box, KVM

Networking: Architecture design, TCP/IP, OSI, Routing, Switching, Troubleshooting, Cisco, Juniper

Security: Snort, BRO network monitor, Firewalling, VPN, PGP,

Other proficiencies: Git, svn, GNU/Linux CLI tooling

Other Interests and Activities

Brazillian Jiu Jitsu	Frequent participant in competitions
Home automation	Using: Linux, Raspberry pi, Networking equipment, Wifi and Zigbee Based sensors and actuators, Homemade electronics
Workstation optimisation	Using: Linux, i3, Vim, Zsh, git, etc.