Scarlett S. Verheul

I am a lifelong programmer and tech enthusiast with over 12 years of industry experience, primarily in development roles focused on Hosting, SaaS, ATS, and Platform Integration projects. I believe in using the right tool for the job, with a particular emphasis on backend development, server automatic provisioning, and hardware/OS integration.

Personal Information

Location: Capelle aan den IJssel / Randstad / Netherlands (*CEST* +2)
Citizenship: Nederlands
Date Of Birth: 14-02-1994
Email: scarlett.verheul@gmail.com
Github: ScarlettSamantha
Gitlab: git.scarlettbytes.nl/scarlett/
LinkedIn: ScarlettVerheul
Key: **https://scarlettbytes.nl/gpg**
Employment Type:
Full Time | Remote/Hybrid

EXPERIENCE

Sabbatical, Capelle aan den IJssel — *Personal Projects*

Oct 2024 - ~end Q2-3 2025

Domain: *Game Development, Recuperation*

Recuperating for a while after working for a long time. Meanwhile working on some personal projects mostly PHP and a python3/panda3D civ-like game.

I3D.net, Capelle aan den IJssel — *Infrastructure Software Engineer*

Sept 2021 - Oct 2024

Domain: *Hosting, Network Automatisation, Networking, PHP7→8, Python, Laravel*

At I3D I worked on maintaining and improving/rebuilding various production systems focusing on server infrastructure and automated server provisioning/network automation and processing raw data gathered from telemetry into a workable application.

Digivotion B.V., Rotterdam — *Tech Lead*

Feb 2019 - Sep 2021

Domain: *SaaS, Devops, PHP5→7, Code Rework, Modernization, Zend 1, Server Management, Laravel, Python3, Microservices, Project Management*

At Digivotion I worked on improving and developing parts of the SAAS systems offered to customers, I worked on the backend and filled a day to day technical leadership role. I also worked on improving the developer experience by migrating away from aging infrastructure to newer systems.

Supportdesk B.V., Rotterdam — *Software Engineer | Development/Incidents-CERT*

Aug 2016 - Feb 2019

Domain: *Development-AAS, Webplatform (E-Commerce), CERT, Magento1, PHP5*

My time at supportdesk mostly focused on implementing direct (semi-)custom wishes of customers into their web applications. I also worked on the CERT/Security incidents teams for when a customer had an security incident/hack on a server. I also worked on improving the performance and scaling from customers on their platforms.

SKILLS (1 ... 5)

PHP5/7/8(5),
Python3(🐍 4), Git (4),
Linux-Debish-Cent(🐧 3), Bash(3),
Laravel/Eloquent(3), CI/CD(3), QT5/6(3),
Game Dev(3), Panda3D (3), Kivy (3),
Pipelines(3), MySQL (3), Networking (3),
Microservice (3), Docker(3), Flask(3),
Rabbitmq (3), Nginx (3), Apache (3)
K8's(2), Micropython(2), PostgreSQL(2),
Django(2), PL/Python(2), C# (2), GTK (2),
Pure/jQuery Javascript (2), NumPy (2),
Hardware development(2)

Other Skills (/Buzzwords):

Rest(full) - Scrum/Agile - Waterfall - Multithreading (Python, Not PHP) - Elasticsearch - Jira/Atlassian(😟) - Performance Optimisation - BMC - (para)Virtualisation - Github/Gitlab - SNMP - (py/php)Unit Test/PyTest - OOP - Xdebug - DDD - Netbox - RS232 - Cacti - Documentation - DHCP - IP - Networking - TCP/IP Suite - SAAS - Swagger - OpenApi - I18N - Ubiquiti - DNS - JSON - Composer - Psr[1...18] - Juniper Api - SDI12 - LibreNMS - DDD - XML - Markdown - Logging - Sentry - Project - (protocol) SPI - KVM - management - Peer review - D&I Computer/Server - Internal Hardware - LDAP - Redfish

Helloprint,Drukzo, Rotterdam — *Team Lead IT*

July 2015 - Aug 2016

Domain*: Startup, Quick Iteration, PHP5, External API's, Custom ecommerce services*

Here I worked on Improving the internal and external platform and implementing new systems. I also worked on creating a team to share the workload and facilitate that. I also worked on integrating various external API's

*[Skipped 2 experiences (**available on** linkedin)]*

Drecomm B.V, Rotterdam — *PHP Developer*

Sept 2012 - Aug 2014

Domain: *Project Development, PHP5, B2B, Typo3, Drupal, Frameworkless*

I worked on improving customers' applications with new features or bug fixes or installations. I also worked with different teams to help out when extra developers were needed.

Here I started to specialize more into the server/backend parts of the job.

*[Skipped 1 experiences (**available on** linkedin)]*

PROJECTS(ABSTRACT) / AREAS OF WORK

Linux/Network -

Having used linux as my primary Os for years now I am very comfortable in the unix env and am used to working with servers remote or locally via cli or programmatically. And am a believer in the (FL)-OSS movement.

PHP Development -

I have worked on various projects ranging from saas to internal company needs. This was most of the time combined with updating/improving existing production code bases. I worked here with diverse frameworks mostly Laravel/Eloquent(>4) and a bit Symfony and Zend(1) over the years

Python Development -

Python has been my goto language when working on projects where more performance was needed (due to php not having threading, at least till v8) and/or more os integration. It's my personal favorite language and most of my private projects are written in it. I prefer pure python with libs and objects from things that I need and for more complex projects flask/django

Workflow/Style -

I prefer to operate in a waterfall, scrum, or agile environment, utilizing a task/ticket management tool within a git-based workflow on a remote git server. My ideal setup involves a robust D(/O)TAP process with pipelines to manage development and versioning. I favor the Object-Oriented Programming (OOP) paradigm for most projects and prefer strict/hard typing over inferred typing. I believe in maintaining simplicity over unnecessary complexity to ensure observability and performance.

EDUCATION

Grafisch Lyceum, Rotterdam — *Application/Web Developer*

Aug 2010 - Feb 2012 (Finished in 1.5years instead of normal 4)

I followed the application developer post secondary program, I received my degree in a hastened way due to finishing all the degree work early.

HOBBIES/INTERESTS

Traveling, MicroElectronics, Music, HPC, Programming, AI, Pets, Technology, Foreign Relations, Global Politics, Current Affairs, Space, Airsoft, 3D Printing, Gaming(4x, Strategy)

LANGUAGES

Dutch 🇳🇱 | Mother Language

English 🇬🇧 (*C*2) | Bilingual

REFERENCES

Available upon request please contact me.

NOTES

I choose to work only directly with companies or projects without recruiting agencies or complex middlemen.

I am open to diverse salaried positions depending on the project and location and compensation.

This C.V. was handmade and as I am *dyslexic* it might contain spelling mistakes/errors.

If this C.V. was given to you by an external recruiter/recruiting agency, then this c.v has been harvested without my consent or approval.

SECURITY

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Signing Key Fingerprint(s):
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RSA4096[pub]    2F98 5406 3563
1EEC A083  5196 744D 7EC1 5F90
0C0D
```

CONTRIBUTIONS:

Google Maps Area data Maintenance
LookingGlass (Rank 3rd) Contributor