

# 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:** Netherlands

**Date Of Birth:** 14-02-1994

**Email:** [scarlett.verheul@gmail.com](mailto:scarlett.verheul@gmail.com)

**Github:** [ScarlettSamantha](https://github.com/ScarlettSamantha)

**Gitlab:** [git.scarlettbytes.nl/scarlett/](https://git.scarlettbytes.nl/scarlett/)

**LinkedIn:** [ScarlettVerheul](https://www.linkedin.com/in/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.

*[Skipped a few months of work on helping friends with projects]*

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

Sept 2021 - Oct 2024

Domain: *Hosting, Network Automatisatation, 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-Debian-Cent(🐧 4),

Laravel/Eloquent(4), Symfony(3), CI/CD(3),

QT5/6(3), Bash(3), Event Based (3),

Game Dev(3), Panda3D (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), Kivy(2),

Unity(1)

## 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 - 3D manufacturing

- Modeling

## 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), Drone Racing, Drone making

### LANGUAGES

Dutch  | Mother Language

English  (C2) | Bilingual

### REFERENCES

Available upon request please contact [me](#).

### NOTES

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.

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### CONTRIBUTIONS:

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