

Scarlett S. Verheul

Areas of Interest: (SaaS) Backend Software developer, In house backend software development , Legacy system upgrades and system integration

I'm a lifelong programmer and tech enthusiast with 12+ years of professional experience, primarily in backend software development and software as infrastructure roles across Hosting, SaaS, ATS, and Platform Integration projects. I work comfortably with both modern and legacy stacks, with deep experience in Linux environments, PHP (5–8.3) using Laravel and Symfony, and Python (3.13) for performance-critical and system-level tooling. I regularly build and maintain systems involving CI/CD, Docker, RabbitMQ, telemetry processing, and microservices.

I follow a pragmatic, direct approach: use the right tool for the job, keep things observable and performant, and avoid complexity unless it earns its keep. I value strong typing, clean architecture, and workflows that make life easier for both developers and ops.

Experience

Sabbatical –  Capelle aan den IJssel

Personal Projects

Feb 2025 - ~end Q2-3 2025

Domain: Game Development, Recuperation, Python3, Panda3d

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.

[Assisted a few friends for a few months with some of their projects]

I3D.net –  Capelle aan den IJssel

Infra Software Engineer

Sep 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/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.

Personal Information

Location	Capelle a/d IJssel / Randstad / Netherlands  (EU) (CEST +2)
Citizenship	Dutch (EU )
DoB(D-M-Y)	14-02-1994(31)
Email	Scarlett Verheul
Github	Github/ScarlettSamantha
Gitlab	Gitlab/scarlett
LinkedIn	ScarlettVerheul
C.V	Scarlettbytes.nl/cv
Key GPG	GPG/Scarlett
Employment	Remote/Hybrid (40h/week)
Visa Required	NO

SKILLS (1 ... 5)

PHP5/7/8(5), Python( 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):

RESTful APIs - OOP - strong typing

Domain-Driven Design (DDD) - SOLID principles

Peer review - documentation - project management

SPI - unit testing (PHPUnit, PyTest) - Docker

Xdebug/Profiling, Composer - PSR-1 to PSR-18 - DNS

Swagger/OpenAPI - i18n - XML/Markdown/Json

CI/CD pipelines - KVM - Debian microservices

TCP/IP - (para)virtualization - SaaS platforms

Elasticsearch - telemetry processing - LibreNMS -

DHCP SNMP - RS232 - SDI-12 - Cacti - Redfish -

BMC - LDAP - server hardware - Ubuntu Server -

Infrastructure as Code (IaC) - Twig - 3D modeling / manufacturing - Ubiquiti - Juniper API - Sentry -

Helloworld,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.

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

PROJECTS(ABSTRACT) / AREAS OF WORK

Linux/Network -

I've used Linux as my primary OS for years, so I'm very comfortable in a Unix environment and am used to working with servers—remote or local—either via the CLI or programmatically. I'm also a believer in the (F)LOSS movement..

PHP Development -

I've worked on various projects ranging from SaaS platforms to internal company tools. Most of this work has involved updating and improving existing production codebases.

I've used a range of frameworks, primarily Laravel/Eloquent (>4), with additional experience in Symfony and some Zend (v1) over the years.

Python Development -

Python has been my go-to language for projects where higher performance was needed—especially since PHP didn't have threading support (at least until v8)—or where deeper OS integration was required.

It's my personal favorite, and most of my private projects are written in it. I prefer to use pure Python with only the necessary libraries and objects, but for more complex projects, I reach for Flask or Django.

Workflow/Style -

I like working in waterfall, scrum, and/or agile environments, using a task/ticket management tool alongside a Git-based workflow on a remote Git server. My ideal setup includes a robust D(O)TAP process with pipelines to handle development and versioning.

I favor Object-Oriented Programming (OOP) for most projects and prefer strict typing over inferred typing.

Overall, I believe in maintaining simplicity over unnecessary complexity, to ensure both observability and performance.

HOBBIES/INTERESTS

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

PREFERRED ROLES (Senior)

- PHP Backend Engineer
- Python Backend Engineer
- SaaS Developer
- Inhouse Developer
- Tech Lead (Hands on)

LANGUAGES

Dutch  | Mother Language

English  (C2) | Bilingual

REFERENCES

References from multiple ex-colleagues and team leads are 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.

SECURITY

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CONTRIBUTIONS:

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

Thank you for your time and consideration



With kind regards,

Scarlett Verheul