

Julian Kragt



BACKEND ENGINEER THAT
ADVANCES ARCHITECTURE,
PERFORMANCE AND
MAINTAINABILITY

Backend engineer with four years of experience developing a multi-tenant SaaS platform while pursuing a bachelor's degree in Software Engineering. I'm the go-to developer on my team for performance issues in complex systems. I value good software architecture and maintainable code, with a focus on keeping systems fast, readable and easy to change as they grow.

CONTACT

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Nijkerk, Gelderland, The Netherlands

EDUCATION

2023 – Feb 2028 (expected)
BSc HBO-ICT, Software Engineering
Windesheim University of Applied Sciences

Minor: Intelligence & Counterintelligence, NHL Stenden (Sep 2026 – Feb 2027)

Learned analytical methods and applied them in a group threat assessment of China's Ministry of State Security (MSS). I researched the Chi Mak espionage case.

2020–2023
MBO Software Developer (level 4)
Landstede, vocational education (EQF level 4) · average grade 7/10

EXPERIENCE

Nov 2022 – present

Backend Software Engineer

w3worx BV — Nijkerk / Leusden
2022–2023: internship, then full-time
2023–present: part-time alongside university
Feb–Sep 2026: full-time

Appreo is a multi-tenant SaaS platform (PHP/Laravel, MySQL) that builds planning, hour registration with much more for facility-service businesses. I'm one of two backend developers on a six-person development team and build modules from database schema to API.

- Cut a key planning view from 25 s to under 100 ms. I replaced a 1,000+ line legacy function with a purpose-built endpoint: indexed schema, generated columns and incrementally rebuilt pre-computed data.
- Designed a data-access layer: one class per database read or write, each with typed inputs and results. Queries don't depend on the HTTP request and can be swapped for fakes in tests.
- Built the public REST API with OpenAPI docs and a full test suite. Connected the platform to Nmbrs, Loket, AFAS and Moneybird (payroll and accounting) using OAuth/SSO.
- Wrote the team's coding conventions and added code generators, DTOs, enums and a typed reference system for tables and columns. Our AI coding agents follow the same conventions.
- Rebuilt the test suite: shared helpers, flaky-test management and a documented local and CI environment.
- Designed per-tenant file storage on S3-compatible disks and migrated more than 5 million existing files.
- Upgraded Laravel 9 → 13 and PHP to 8.3.
- Built dashboards on Elasticsearch: calculated data is indexed and then aggregated for display.

2026– present

Co-founder FAMILY BUSINESS

Cove Campervans, with my father and brother

- We design and build modular camper boxes; the business launched in April 2026.
- Building the new company website with an interactive 3D product configurator.
- Run our Instagram and Facebook: mostly through reels on how the box is built and used.
- Help build the boxes, shape new designs and present the Cove box to visitors at trade fairs.

Feb– Aug 2022

Software Developer Intern

Fonkel (digital agency) — Amersfoort

- Built web applications in Laravel and TypeScript in a team with code review and a Git workflow.
- Front-end work in JavaScript, Sass and HTML, with webpack and npm.

Ongoing

NixOS configuration SIDE PROJECT

- Taught myself functional programming through Nix; my system configuration is fully declarative and reproducible.

SKILLS

PROGRAMMING LANGUAGES

PHPSQLTypeScript

JavaScriptC#GoNix

BACKEND & DATA

LaravelREST & OpenAPI

OAuth / SSOMySQL

Elasticsearch

Query and schema optimisation

INFRASTRUCTURE & TOOLING

DockerS3LinuxCI

PHPUnitPest

Bitbucket PipelinesGit

NixOS

PRACTICES

Software architecture

Microservices

Object-oriented programming

API designRefactoring

Automated testing

Functional programming

Scrum

LANGUAGES

— Dutch: native
— English: professional working proficiency

PERSONAL INTERESTS

— Hiking, including multi-day trails
— Climbing
— Canyoning, abseiling and via ferrata
— Running
— Custom keyboards

CERTIFICATIONS

Jan 2025
Professional Scrum Master I
Scrum.org — PSM I

May 2024
Jira & Confluence Fundamentals
Atlassian