

CV - René Weteling

Freelance | Tech lead | Fractional CTO | Problem solver | Full-Stack development

- **Naam** René Weteling
- **Adres** Johannes Geradtsweg 47, 1222PM Hilversum
- **Telefoonnummer** [+316 \(0\) 55 128 199](tel:+316055128199)
- **Portfolio** www.weteling.com
- **E-mailadres** rene@weteling.com
- **Geboortedatum** 04-12-1986
- **Geboorteplaats** Capelle a/d IJssel
- **Nationaliteit** Nederlands

Over mij

Van jongs af aan ben ik altijd geïnteresseerd geweest in computers, scripting en automatiseren. Dit begon toen ik klein was met het maken van menu's in MS-Dos, gevolgd door zakgeldberekeningen in Works Sheets, en later het bouwen van een digitaal roostersysteem voor de pizzeria waar ik werkte toen ik 16 was. Logischerwijs heb ik dit pad voortgezet en ben informatica gaan studeren, waarna ik bij een design agency terechtkwam.

Het leuke aan het werken bij een design agency is dat je projectmatig werkt en met veel verschillende aspecten van IT in aanraking komt. Dit voedt mijn brede interesse: van teamdynamiek en programmeren tot devops en advies; ik doe het allemaal graag.

Maar de echte sprong in mijn ontwikkeling kwam toen ik ben gaan freelancen. De verantwoordelijkheid die je voelt voor een project zorgt ervoor dat je scherp bent en wilt presteren. En deze mindset is uniform voor freelancers, je pusht elkaar echt naar een hoger niveau.

Vaardigheden & Kennis

Hier heb ik mijn meest prominente vaardigheden uitgeschreven.

- **Talen & Frameworks**
 - De Nederlandse taal
 - De Engelse taal
 - Elixir (Phoenix)
 - Ruby (Ruby on Rails, Sinatra)
 - Javascript (ES6, Typescript)
 - Python (vooral nog hobby, maar zou er graag meer mee doen)
 - Front-end frameworks (NextJs, Swagger, Oas, VueJs, Pinia, Ionic, React, Turbo, Stimulus)
 - Databases (MySQL, PostgreSQL PgVector, SQLite, MSSql)
 - Message queues (Kafka, RabbitMQ, Redis)
 - NoSQL databases (MongoDB, PouchDb, DynamoDB, Redis, ElasticSearch)
 - Styling (Sass, Scss, Less, Css)
 - Git flavors (Github, Bitbucket, Gitlab, Azure DevOps)
 - Projectmanagement (Scrum, Agile, Clubhouse, Flow, Asana, ClickUp, Jira, Azure DevOps, etc.)
- **DevOps**

- Terraform (AWS-flavor)
- Hosting platforms (Heroku, Dokku, Docker, AWS, K8s, GCloud, Azure)
- AWS (Fargate, S3, Route53, Beanstalk, EC2, RDS, ECR, etc.)
- CI/CD (Github Actions, Gitlab, CircleCi, Travis)
- **Architectuur en ontwerpprincipes**
 - C4 model architectuurontwerp
 - Reactive programming
 - Gedistribueerde high-load applicaties
- **Ai**
 - Agent teams inrichten
 - Skills ontwerpen
 - Prompt engineering
 - Integratie met systemen

Educatie

- The Coding Gnome 2019 **Elixir for programmers**
- Bureau Spraakwater 2018 **Cursus spreken in het openbaar**
- Hogeschool Rotterdam 2004 - 2010 **Bsc, ICT**
- IJsselcollege 1999 - 2004 **Havo, Natuur en Techniek**

Werk, projecten en ervaringen

Lektor B.V.

Technical lead

01-02-2026 - Heden

Leading the (re)build of Lektor.nl, taking the strongest elements of the current platform and re-architecting them into a future-proof, scalable system. The focus is on creating a flexible foundation that enables new product ambitions while remaining robust under growing demand.

Responsible for technical direction, architecture decisions, and implementation using Next.js, Zenstack, Zod, and shadcn/ui — building a modern, maintainable SaaS platform designed for long-term evolution.



WAT.WORKS - Beschikbaarheidswijzer.nl

Principal Developer

01-02-2025 - Heden

I support Wat Works as a part-time technical coach, helping their internal team design and set up a production-ready SaaS platform. Drawing on 20 years of experience, I guide the initial architecture, coach developers on modern practices, and provide hands-on feedback — focusing on building a team that can sustainably develop and evolve the product themselves.



TommyTomato

Delivering healthy hot school lunches

12-04-2024 - 17-08-2024

TommyTomato has a mission to turn all children into lifelong vegetable eaters. Plant a seed, harvest a healthy generation. They achieve this by bringing healthy, hot, and above all tasty lunches to schools. This involves a considerable amount of logistics; all lunches must be delivered hot and on time.

TommyTomato is growing rapidly, so much so that the current IT landscape cannot handle this demand. That's where I come in.

From a Ruby monolith with performance issues, we are transitioning to a monolith prepared for a reactive event-based services structure, with the ultimate goal of rewriting everything into Python microservices driven by a queue (Kafka).

My tasks include making the Rails app future-proof, rewriting it into a services architecture, setting up CI/CD, deploying pipelines, and setting up AWS infrastructure with Terraform. And many more things.



Semmie.nl

Asset management simplified

02-10-2023 - 11-04-2024

Semmie is an asset manager where clients can easily open an account. Through a smart questionnaire, the associated risk profile is determined, and Semmie actively manages the investments. Clients can control everything through the app or online portal. Semmie also offers the option for advisors to set up all of this through the advisor portal.

In the vast landscape of Semmie's tech infrastructure, I find my focus within the intricate layers of the CRM backend, API, (Mobile) App, and Advisor portal — essentially, the tech heartbeat of our operation. My current playground is the backend, where I'm actively shaping and enhancing features for the Rails API and App. Simultaneously, I'm deeply immersed in setting up DevOps resources, collaborating seamlessly with Azure.

Addressing the historical separation between the frontend and backend teams, my goal is to close the gap, encouraging cross-functional collaboration, and ultimately forging a cohesive, unified team. Let's seamlessly merge these tech realms into a singular, synergistic force.



Bravoure B.V.

Interim Technical director

01-08-2025 - 30-11-2025

Bravoure is a digital agency focused on crafting pixel-perfect, impactful digital experiences for well-known clients.

More about [Bravoure](#)

When the team ran into capacity challenges and decided to separate development from strategy and design, I stepped in to help drive that transition. I managed the process, help solve acute delivery challenges, set up practical processes that stick, and provide hands-on technical direction for new and existing projects.



Truely Travel eSim

Sr. Elixir developer

01-10-2025 - 20-02-2026

Truely is a quickly growing e-SIM company, providing connectivity for people on the go. The backend is written in Phoenix, and this is where I come in. Helping out with fortifying the code-base, building new features, optimizing flows etc etc.



Beam

Integrating gaming with blockchain

01-08-2024 - 31-07-2025

Beam is a blockchain platform focused on supporting a diverse ecosystem of projects spanning gaming, AI, and decentralized finance (DeFi). The platform features a Layer 1 blockchain secured by Beam Nodes, and incentivizes participation through staking and validation rewards, resulting in a thriving community of developers, users, and projects.

As Head of Engineering, I led a team encompassing engineers, DevOps, QA, and support, prioritizing rapid iteration on new concepts driven by emerging market and community opportunities. This involved periods of intense activity followed by periods of rest. While the team was comprised of both senior and junior engineers, already possessing strong best practices, my role focused on providing guidance where necessary, removing unnecessary constraints, coordinating with stakeholders on design and rollout plans, and maintaining team morale and motivation. This was an exceptionally rewarding and enjoyable assignment.



Odido / T-Mobile

TSC - Business router gui's

01-11-2021 - 28-09-2023

Odido, formerly known as T-Mobile, has a digital realm that extends beyond what meets the eye. As a developer in the company, I have the opportunity to think like an architect, considering responsibilities, data storage, and optimal placement. It's an engaging and enriching experience.

I am currently a member of the Red team in the Operational Support Services department, consisting of three RGB teams. Our primary focus is to create, manage, and support operational services to ensure the seamless functioning of our entire service portfolio. With over 18 applications to oversee, ranging from Node.js and Ruby on Rails to Elixir and Bash scripting, my team plays a critical role in maintaining their uninterrupted operation.



DPG

Media backbone for media outlets

01-11-2019 - 29-10-2021

MyChannels is a division within DPG Media group that is responsible for all digital content on all digital outlets of DPG. Ad.nl, Volkskrant.nl, Hln.be, Trouw.nl, Parool.nl and so on. The team is compact, senior and knowledgeable. We are responsible for more than 5 million video plays each day. Creating services to supply the media outlets with videos, games and entertainment. Providing the mobile API for the apps of the papers. And so on.

More about [DPG](#) and [MyChannels](#)

As a full-stack developer I've worked on the backend, mainly in Phoenix and Ruby on Rails, created new interfaces inside of the videoplayer using React, Svelte and Typescript. Changed styling for new brands. Added schema changes. In the last 6 months my focus was on infrastructure, moving from manually created infra to Terraform, implementing security best practices and making the whole infra more robust and flexible.



Re:turnista

Parcel return software

01-02-2019 - 28-02-2019

Re:turnista is an app where clients of webshops can return items they bought. Using a mobile first app, the user is guided through a couple of questions and the package is ready for pickup.

The actual app is available [here](#)

As a full-stack dev, I was tasked to give the current architecture some love to make it more performant. We removed all the custom form logic and implemented a package called Formik, changed the event structure to work more with reducers. Overall cleanup and modularizing of the system.



Zwitserleven

Client portal for pensions

01-03-2019 - 31-03-2019

Vivat is the mother company of Zwitserleven. Vivat has a "My" environment where clients can log in and see information about their products. My team was responsible for the Pension funnel.

More about [zwitserleven](#) and [The Main Ingredient](#)

As a front-end developer, I changed the loading system (basically the system contained multiple systems so a dynamic loader was needed, especially with varying backend services). Created small updates, and fixed some tickets.



DigiB

Chemical e-trading system

01-04-2019 - 31-10-2019

DigiB is a division of Brenntag. Brenntag is market leader in the supply of raw chemicals. DigiB is tasked with the digital transformation of Brenntag by bringing an e-commerce system, internal trading and couplings between all offices.

More about [DigiB](#)

As a front-end developer I've worked with the front-end team to expand the e-commerce system built in React, with Next.js and a Node.js middleware. I've also been working on the "target architecture", an overcoupling system that is able to connect multiple ERP systems like Oracle, SAP, Salesforce etc. This design was Reactive using a message bus.



Ace & Tate

Backend ecommerce system

28-05-2018 - 31-01-2019

Ace & Tate sells glasses online and offline, they have "currently" over 30 stores world wide and they use an e-commerce platform (Solidus) to process all orders. Since the company continues to change, the backend also needs to be quite versatile.

More info about [Ace & Tate](#)

As a full-stack dev, I was tasked to optimize and add features to the Solidus powered Ruby on Rails backend. For the consumer and POS facing this was mostly an API. For the internals there was an Admin section and for the internal Friends and Family there was a complete suite with admin panel implemented. I helped maintain over 30 gems, used Elastic Beanstalk for running the app, and increased the test coverage overall.



Tankey

Admin interface including API for gasoline loyalty program

22-01-2018 - 27-04-2018

Tankey is a loyalty platform (LP) created by Essent for their other brand EnergieDirect. The first version of the LP was built within Essent. Meaning that linking other companies proved to be difficult, that's why they split up Tankey from Essent and started building a new and better version of the app.

More info about [Tankey](#)

As a backend developer I was tasked to build an API for the Tankey Android app, build an admin interface where the business can see KPIs, create exports and get the correct insights in what the app is doing. Build a stable and auditable system concerning the new GDPR ruling. Create API couplings between Firebase for in-app notifications. Create a discount calculator module. And integrate loyalty partners through our API.



Abn Amro

Cybersecurity awareness app

04-12-2017 - 25-01-2018

The Main Ingredient was tasked to help out the CyberSecurity department of ABN Amro with creating more awareness for cyber threats for small companies. Think of phishing emails, certain new techniques that they have spotted or even social engineering. TMI came up with Veiligzondermoeite.nl, an initiative to inform the general public.

More about [Veiligzondermoeite](#) and [TMI](#)

As a full-stack developer, I was asked to lead a team of highly skilled developers and designers to create in just 6 weeks a working POC of the app. The app was built in ReactNative, the backend in Node.js using Express as server layer and deployed on BeanStalk using a CloudFormation template. We also hooked up an RDS instance for our persistence. My main focus was in creating the backend and helping out with the ReactNative app. The team was excellent in styling / creating components, my assistance was most needed in hooking up the APIs.



BotSquad

React - Webpack - Jekyll

16-10-2017 - 17-11-2017

With the [BotSquad](#) bot, you can create bots for the web, mobile and chat interfaces like facebook, slack, twitter etc. There is a beautiful studio where you can create bots using a friendly and semantic DSL. And preview the bot in real time.

React coding on the Chat client

Creating the API

RnD on the bot itself

Adding features



HalloRoos - SNS experiment

Rails - Roos API - Heroku

11-10-2017 - 08-11-2017

[HalloRoos](#) is a contract alarm platform where users can set alarms for contracts that will expire in the future so that they can switch providers on time. HalloRoos was looking to extend their functionality and needed a developer to help them reach their goals. The subject itself is somewhat sensitive, but it comes down to a pretty selection then order flow with a lot of validations and constraints. Each step is communicated to an API provided to store and manage the data.

Build the pages as described in Rails using Slim, Sass, and CoffeeScript
Connect the pages to virtual models so that we can apply validations
Persist the validated models to the provided API



Van Ons B.V. - Carpet App

React - LibVips - OpenVc - DeepZoom

02-06-2017 - 13-09-2017

[Van Ons](#) is a really cool WP design agency based in Amsterdam. For some projects, they contract out for special features and this was quite special. They wanted to create a web interface where clients can cut out a portion of a really big image (30 by 30 meters at 76 dpi approx 46GB per image). So I've developed a React frontend where the users can walk through the image using DeepZoom. And cut out a shape and then sending the coordinates to a worker server, cutting out the piece and mailing it to a carpet printer. Pretty heavy stuff.

Everything was new, everything was exciting, it was an awesome project. The final version is visible here at [Skonne](#)

Build a react app to define the area that needs to be sliced
Create a slice worker server that slices the image according to the dimensions provided by the react app
Figuring out how to slice images as big as 46GB each



Revolve Music

CTO - Rails - AWS - CI - rSpec

03-04-2016 - 15-09-2017

[Revolve Music](#) is a SAAS platform where users (Artists mostly) can create a website, a digital presence in just a few minutes. Connecting to filled content providers like SoundCloud, BandsInTown, LinkedIn, Twitter etc your site is filled with content and you are ready to go.

Clean up and rebuild existing code (the overall quality was very poor and not very robust)
Create a Continuous integration environment using CircleCi and AWS container service
Creating a global scaling web server setup using: Route53, AWS EC2, AWS EC2 container service, Cloudfront, RDS, S3 and Docker
Being responsible for the Technical day2day, building team culture, applying standards, laying out technical roadmaps etc. CTO stuff.



Leaplines

Onboarding software for large companies

01-05-2015 - 01-02-2016

[Leaplines](#) is a SaaS that helps companies with their on-boarding process. Providing a curriculum based on the employee's role within the company, with a clear hierarchical method of stimulating the users through their managers.

We made use of the following: Rails, PostgreSQL, CircleCI, Github, Rspec with Capybara (TDD), jQuery, React, Rails UJS

Going to clients, getting feedback from the source
Building new features, mainly onboarding exercises in form of a game
Scrum plannings etc



Horyon innovaties B.V.

Android process app, Rails backend

15-10-2015 - 01-09-2022

Horyon innovaties B.V. is an asbestos removal company. Asbestos has a bad reputation and that's why there is a lot of legislation. They are required to have all data on premise at all times. This is just not possible on paper, so we have created a Rails backend with a Restful api connecting an Cordova Android app. The app started out as a simple hour measuring platform, but now it has over 18 main functions and one of them is drawing on a photographed map.

Design the product matching the needs of the business
Creating a Rails backend, with role based authorisation
Ops: it runs on my own High availability cluster powered by Flynn.io
Creating the React Cordova android app



Click.nl - employed

iOS, cordova and react development

01-07-2012 - 01-04-2015

Coming back to click felt really good. They had so much faith in me that they wanted to set up a new office in Amsterdam with the main focus on Mobile. We had some really great clients. We have build an app for KPN where users can view the last goals in a soccer league. Build an app for a recruitment agency and many more.



Overstappen.nl - employed

Symphony - Php - Less

01-08-2011 - 01-07-2012

This is the first time i got in contact with a proper framework. Symphony. It's mature, it has a rich plugin ecosystem, its consistent. I liked it alot. Learned a lot here, the main issue was that i was the only dev in the company so i got a bit bored and moved on. Great experience though.



Click.nl - internship then employed

Perl - CaretCMS - Scripting - Discovering

01-12-2008 - 01-08-2011

My internship at [Click.nl](#) was great, a young team, cool founders, nice environment and Dirk the dog. I've learned so much here, multiple languages, dynamics in the company's themselves. Learned about budgets, stakeholders, planning etc. It was a great experience.

