

# Lorenz van Herwaarden

Senior Frontend Engineer at GitLab



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## SKILLS

Programming languages	JavaScript, TypeScript, Java, Python
Frameworks	Vue.js, React.js
JavaScript highlight	Web Components, Proxy, Canvas API
Design	HTML, CSS, Sketch, Design Systems
Build & Tools	GitLab, Webpack, Vite, Rollup, Github Actions
Testing	Jest, Cypress, Playwright
Databases & Query	GraphQL, SQL, MongoDB

## PROFESSIONAL EXPERIENCE

### GitLab, Remote

#### Senior Frontend Engineer

January 2023 - Present

- Senior Frontend Engineer in [Security Risk Management: Security Insights team](#)

### Qlik, Ghent

#### Tech Lead

September 2022 - January 2023

- Frontend Tech Lead of Qlik Application Automation
- Led development of Automations History Redesign (part of Automations Monitoring)

#### Software Engineer II

September 2021 - September 2022

- Redesigned automations rendering from HTML elements to using the Canvas API
- Architected and implemented undo/redo support with Proxy
- Implemented blocks to generate Qlik Reports in Qlik Application Automation

#### Software Engineer I

November 2020 - September 2021

- Led frontend integration of Blendr.io in Qlik Cloud Services
- Split off frontend code from monolith in to a Micro Frontend and UI library using Vue.js and SingleSPA
- Supported both Qlik Cloud and legacy use cases with a new release process
- Added browser testing with Cypress

### Blendr.io (acquired by Qlik), Ghent

#### Frontend Engineer

April 2020 - November 2020

- Led total redesign of the platform by creating a design system and developing a component library in Vue.js
- Implemented white-labeling solution using CSS custom properties, allowing >30 SaaS customers to provide a personalized embedding experience of Blendr.io for their users
- Implemented a redesigned drag-and-drop experience for blocks
- Refactored and redesigned flow for creating connections with OAuth

### Deloitte Digital, Brussels

#### Frontend Engineer

September 2018 - April 2020

- Acted as Frontend Engineer on [Appinest app](#) - developed mobile native app with React Native which helps social housing renters with repairs
- Acted as Frontend Tech Lead on [www.lez.brussels](#) - developed website combining content, requests and simulation tools for the Low Emission Zone in Brussels in React.js
- Acted as Frontend Engineer on [www.MyTax.brussels](#) - developed Brussels property tax platform for payment and info

## Moovle, Brussels

### Co-founder & iOS Engineer

June 2017 - June 2018

- Architected and developed native iOS app, assisted in developing Android app
- Deployed apps to Google Play Store and Apple App Store
- Assisted in Product Design & designed app UI

## Sharda University, Delhi

### Machine Learning Intern

July 2017 - August 2017

- Researched low-cost face clustering with neural network features using TensorFlow and ConvNets

## Château de Peyrolles, France

### Web Designer

July 2008, December 2016, July 2019

- Designed and developed website for the rental of holiday homes in the South of France:  
[www.chateaudepeyrolles.com](http://www.chateaudepeyrolles.com)
- Made changes over the years to support Responsive Web Design and switch to using React.js

## Rombit, Antwerpen

### Data Engineering Intern

July 2016

- Built a system for aggregating relevant logging data of the A\*Sign platform using PHP and Redis
- Visualised and analysed data of the A\*Sign platform using ELK stack and Docker

## EDUCATION

### Ghent University, Ghent

#### Master of Science in Computer Science Engineering

Graduation Year 2018

*Magna Cum Laude*

- Wrote thesis about "[Athlete monitoring through context-aware training schemes](#)"
- Among the courses I followed: Software Architecture, Machine Learning, Design of Multimedia Applications, Big Data Science, and Introduction to Entrepreneurship

#### Bachelor of Science in Engineering: Computer Science

Graduation Year 2016

*Cum Laude*

### Koninklijk Lyceum Antwerpen (KLA), Antwerp

#### Latin-Maths (7 hrs)

Graduation Year 2012

## PROJECTS

### Runamic

- As part of the course Design Project, [Runamic](#) was created by 8 Computer Science Engineering students from Ghent University.
- Runamic is a running app with two distinctive features: it generates routes based on the user's preferences and it can dynamically change that route while running through user interaction or heart rate.
- I led the UI design and assisted in the implementation of the Android app
- As acting Product Owner, I was responsible for communicating the customer needs with our team and maximize the value we could deliver.

## INTERESTS

- Field Hockey: active player at Bruges hockey club (KHCB)
- Traveling: some favorites being Mexico, The Philippines, Caribbean islands, Paris, and New York
- Cooking