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 Govern: Threat 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
- 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, and New York
- Cooking