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https://davidammeraal.nl

Summary

A front end engineer with 9+ years of proven experience designing and implementing web apps. Broad experience in all levels of web development across multiple programming languages, specializing in JavaScript/TypeScript. Eager to learn, and up to date with cutting-edge JavaScript technology.

Able to translate specifications into well-tested, high-quality code. A strong communicator, with an assertive mindset and a strong team spirit.

Education

HBO Informatica / Bachelor of ICT 2007 2012

University of applied sciences, Utrecht

Employers

2012 2021

Noterik B.V. - Amsterdam

Lead front end engineer

Experience

This is a shortlist of projects I have worked on

2016 MARIN - inSync









Media asset management platform used by Maritime Research Institute Wageningen (MARIN).

- Collaborated with data analysts and engineers to extract functional requirements.
- Implemented media asset pipeline for automating the integration and transcoding of media assets recorded during model tests.
- Implemented database/indexation/searching functionality.
- Implemented several front ends for searching / displaying media assets.
- Delivered an deployed on strict schedules.

Personal info

Location

Hilversum. The Netherlands

Date of birth

14-08-1987

Nationality

Dutch

Tech skills

Languages

JavaScript

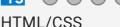


















Java





PHP





Frameworks/platforms

NodeJS





React





Redux





Gatsby





Angular







MARIN - inSync stageplayer











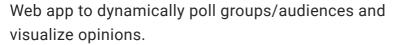
Web app to synchronously display media (video/photo/ highspeed video) and high-frequency measurement data recorded during model tests with infinitesimal tolerances (accurate up to 1 microsecond).

- Designed and implemented application in React/ Redux.
- Co-designed and implemented algorithm for interpolation of high-frequency Big Data (192 khz HDF5's over several hours) while maintaining peaks to reduce network traffic.
- Implemented accurate video/data synchronisation functionalities.
- Implemented offline wrapper in Electron for clients with strict security requirements.
- Deployment on strict schedules in several environments (intranet, client portal, offline).



QANDR





- Collaborated and brainstormed during product inception.
- Designed and implemented responsive product website.
- Implemented several data visualizations in D3.

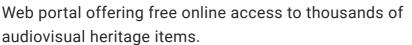


EUscreen









- Collaborated in a multidisciplinary team consisting of archivers and UX designers.
- Implemented a responsive front-end.
- Designed and implemented search functionality.
- Developed myEUscreen, a web app to collaboratively create virtual exhibitions.

Tools

GitHub







Bundlers







Unit testing





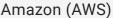


Docker















Data

NoSOL databases





























ElasticSearch









Interests

Computer technology, Cooking/food, Small scale biological farming