David Ammeraal

`senior front end engineer`

📞 +31 (0)6 52 57 36 50

✉ info@davidammeraal.nl

🌐 https://davidammeraal.nl

Summary

A front end engineer with 9+ years of proven experience designing and implementing web-based applications. Broad experience in all levels of web development across multiple programming languages working in multidisciplinary teams, 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

2007 2012
HBO Informatica / Bachelor of ICT
University of applied sciences, Utrecht

Employers

2012 2021
Noterik
Lead front end engineer

Experience

This is a shortlist of interesting projects

2016 2021
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.
- Deployment on strict schedules.

👤 Personal info

Location
Hilversum,
The Netherlands
Date of birth
14-08-1987
Nationality
Dutch

⚒ Tech skills

Languages
JavaScript
⬤⬤⬤⬤⬤

TypeScript
⬤⬤⬤⬤⬤

HTML/CSS
⬤⬤⬤⬤⬤

Java
⬤⬤⬤⬤○

PHP
⬤⬤⬤○○

Frameworks/platforms
NodeJS
⬤⬤⬤⬤⬤

React
⬤⬤⬤⬤⬤

Redux
⬤⬤⬤⬤⬤

Gatsby
⬤⬤⬤⬤○

Angular
⬤⬤⬤○○

2016 now

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).

2018 now

QANDR

Web app to dynamically poll groups/audiences and visualize opinions.

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

2012 2016

EUscreen

Web portal offering free online access to thousands of audiovisual heritage items.

- 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

Amazon (AWS)

Data

NoSQL databases

SQL databases

REST API's

GraphQL

ElasticSearch

Interests

Computer technology,
Cooking/food,
Small scale biological
farming