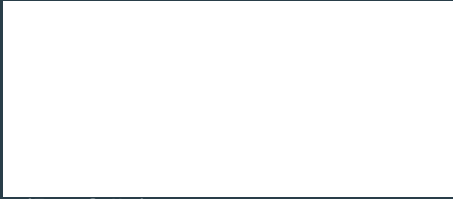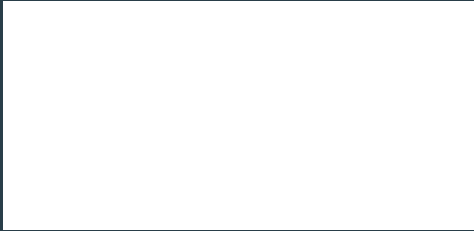(Portfolio)

Full Stack Engineer / Vue Advocate
s-Hertogenbosch Area

Summary

My name is   , I am a Full Stack Web Developer from
                  , currently living in the Netherlands, Den Bosh. I started
discovering new edges of my skills in the WEB development field at
the age of 12. I have 9 years of real web development experience.
I cooperated with such companies as Ford Russia, Ford China,
Xiaomi and Meizu, ING, Essent, Jumbo. Currently, I am working at
a Dutch company,   Here I work as a Senior Javascript
Developer. In my spare time, I write games on JavaScript and do
code challenges.

Skills:
It is important to mention that I am able to write code using different
languages: JavaScript (ES6), Typescript, Mint, and a bit of Python,
GraphQL

My main front-end frameworks are:
Vue (Vue2, Vue3) and Nuxt

My main back-end framework is Express.

Also, I am an expert in the following frameworks:
React, React Native, Nest, Express, and Fastify

I have experience with:
Svelte, Wechat MiniApp, Polymer, WebComponents, Django,
Stencil, LitHtml

I have experience with Testing libraries:
Jest, Mocha, Carma.

The list of libraries that I often use:
Apollo, Urql, Ramda, Lodash, Vuex, Redux, Effector, Pinia, Moment,
StencilJs, LitHtml, RxJs, ARJs, Aframe, Styled-Components,
Sequelize, Mongoose

I can do full-stack development with NodeJS frameworks:
Fastify, Express, HapiJs.

Databases:
MongoDb, MySql, Redis

I am an active Scrum user, and Jira is my main tool.
I know how to configure a server on Linux for production deployment
and I know how to configure CI/CD on GitHub and GitLab.

I can use different Chinese sources for development.

I speak three languages: English, Russian, Chinese. (learning Dutch
at this moment)

Experience

Full Stack Engineer
December 2021 - Present (9 months)
Amsterdam, North Holland, Netherlands

Tech Lead / Full Stack Engineer

Eindhoven, North Brabant, Netherlands

As a tech lead, I was responsible for the development of a large number
(>500) of scrapers for parsing info from different real-estate websites and
aggregating them in one place.

I put together a team of 6 people. To be more specific, I conducted every
interview and selected the candidates by myself:
- I created a code challenge to make it easier to find the right candidate.

- Also, performed technical interviews with the main focus on scrapping mechanisms.
- For easy onboarding, I made the presentation and showed how to build a scrapper, in a live format

I investigated possible solutions for scrapping and built a couple of examples as POC. I found different types of libs and possible ways to use them (Apify, Cheerio, Puppeteer, Playwright). I created a system where scrappers can share similar functions and types for mapping data to the required format. During development, I helped the team to solve complex issues, and did code reviews.

I have built a few tools to show our clients progress of scrapped data:
- An analytic tool that showed each scrapper, schedule of it, amount of scrapped data, and last dataset
- Test Tool for validating scrapped data
- Deployment tool that shows the status of each scrapper in the cloud with logs and the possibility of re-deploy code.

I participated on the other side of the application with the primary focus on "import pipeline" from scrapper to our database. I created the import pipeline with AWS SQS and some microservices to control import (webhook, validation, save data)

My work included, but was not limited to:
• Create microservices with Nest and AWS Lambda
• Participate in architectural decisions
• Work on Monorepository with NX
• Build Scrappers with Typescript
• Participate in architectural decisions
• Build and maintain endpoints
• Help out with scrum events

Tech Stack:
TypeScript, Nest, AWS, SQS, CloudFormation, Serverless, Lambda, Aurora DB, Mysql, Apfiy, NodeJs, Vue 3, Next, Docker, Python, NX, Bit, TypeOrm

Senior Frontend Developer / Developer Advocate
December 2018 - December 2021 (3 years 1 month)

Activities:

The objective of the PoC is to design and develop a robust, scalable, performant, fault-tolerant and secure online platform based on containerized Micro Services (Docker) and the AMQP protocol for Queuing. My personal ambition is to learn more about these technologies as a Frontend developer to better understand the challenges backend developers face.

Together with the team, we designed and developed the architecture (API-Gateway, Fastify plugins, micro services, data stores, deployments to Kubernetes, Unit and Performance testing etc.) that are commonly required for performant online applications. Services include i.e. authentication (based on OAuth2, OpenID connect/ JWT), user creation and management, communication services (e.g. sending text-messages, email etc.) and logging.

As a developer, I worked on both the platform and for example frontend client. I provided input for the architectural design in an agile matter to improve on security, privacy, performance, and quality of the platform based on my Frontend expertise. I have developed multiple API-Endpoints incl. request validation and automatic OpenAPI documentation (important Frontend requirement) and linking them via the fastify-amqp-plugin to the micro-services that provide the data validation and functionality. The plugin is developed to be re-used in both the API-Gateway and micro-services for generic use and maintainability and is equipped to e.g. automatically capture and handle errors. The Joi-framework is utilized to validate user input provided to the microservices.

To speed up the development of individual micro-services and therefor time-to-market, I created a generator based on PlopJS. This allows the team to quickly create a default micro-service based on a template that integrates fully into the platform and allows developers to focus on creating the desired functionality.

Technology Stack: React, SocketIO, NodeJS, ES6, MongoDB, Redis, RabbitMQ, Docker, OpenAPI (Swagger))

Full Stack Engineer
October 2019 - July 2021 (1 year 10 months)

As a Fullstack Developer at   , I was responsible for the development of the   application. I participated in the entire application

life cycle, with the primary focus on coding and debugging. Together with the team, we designed and developed the architecture. I wrote tests and test tools, created and maintained a dashboard for nutrient specialists, for algorithm owners to maintain easily the content and big data sets.

I supported my frontend team and gave my professional opinion on the design. Also, I collaborated with other designers and developers to find the best solution for the application that we were building at that time. As a part of the team, I investigated the main algorithm and helped out to build it structurally and optimized.

I joined the Frontend guild because Vue and Nuxt are my main framework at   This allowed me to share my experience and presented the latest updates in the Vue Community.

My work included, but not limited to:
• Created reusable components
• Built and maintained endpoints with GraphQl and Nest
(Microservices with GraphQl Federation)
• Wrote unit test and test tools(Vue Apollo mock handler)
• Code Review
• Created POC for future applications
• Committed into the component library
• Supporting new team members
• Helping out with scrum events
• Direct working with MongoDB
• Implementing Apollo into Frontend
• Deployment of application
• Supporting app-shell
• Implemented Capacitor
• Implemented GoogleTag
Tech Stack:
TypeScript, Nest, Vue, Nuxt, Jest, GraphQl, Apollo, GitHub Actions, K8s, Docker, TypeOrm, MongoDB, Redis, Capacitor

Senior Frontend Developer
March 2019 - October 2019 (8 months)
Amsterdam Area, Netherlands

The Authentication team creates the mijn.ing.nl login page which is a generic component used by multiple   countries. The main focus of the project was implementing SCA (strong customer authentication) for PSD2. In addition, we'll cover the exemptions that can be used for low-risk transactions to offer a frictionless checkout experience.

This included, but was not limited to:

- Created different type of authentication like: Mobile approval, Device Token authentication, Knowledge Base question, Multiple profile selector
- Migration from old HTML import to ES6 modules
- Migration from Polymer
- Created local test developers tools for easily test all SCA flow based on Lit-html (web-components)
- Writing e2e test flows
- Supporting interns
- Supporting the old environment of the company (Updates with AngularJs)
- Creating new components for SCA and components generators
- Checking ability for using hooks approach for Lit-html
- Migration from Polymer Build to webpack
- Migration from Picard to Gitlab runners
- Creating guidelines and documentation for the company environment

Technology Stack: ES6, Polymer, Lit-Element, Lit-Html, WebComponents, HauntedJs, ElectronJs, AngularJs, Java, Wepback

Testing Frameworks: Cucumber, Sinon, Mocha, Karma, WebDriver

CI/CD: Picard, Gitlab runners

TeamLead / Front-end Developer
May 2017 - December 2018 (1 year 8 months)
Moscow

In   there are a lot of strong developers who have defined my level as Middle-Level developer and took me under the wing so I gained experience in large teams and complex architectures.

The first project that I did in the company is a large online store in Russia. This project was built using ReactJs. During my first project, I learned how to write full tests, create components in the Component stack - StoryBook - Test - Production. I learned complex architectural solutions and worked in extreme situations. In addition, during the work, I decided to conduct my practice and continued to develop small sites for different companies and was able to create my portfolio using only the best practices of development. I am very grateful for the experience I have gained in

Senior Frontend Developer
April 2015 - May 2017 (2 years 2 months)
Wuhan, Hubei, China

I was engaged in the global development of sites for the company and its partners in   Among them were Meizu, Xiaomi, various factories of machinery and oil refineries. I created Landing Pages and various sites using a WordPress management system for various needs. I worked with a team of 5 developers and trained HTML JS CSS developers. In a year and a half, the company decided to create its own project and I was appointed as the leader of this project.

November 2014 - July 2015 (9 months)
Москва, Россия

I created WIKI pages for FORD RUSSIA and GASPROM in the LTD `Media. I was responsible for creating posts in social networks like: Facebook, Instagram, Twitter, Vkontakte. I was creating photo layouts using Photoshop. To create tasks and plans for future posts I was using Jira system. When I had free time I was engaged in the development of websites as a freelancer. I created about 20 different websites of different levels of complexity that I can describe during an interview, if it is going to be necessary.

Full Stack Developer at
October 2013 - September 2014 (1 year)

I was the developer of the company's website in   I wrote a website
in PHP with a database on mySql. Using this website, a user could order a tour. I used a selfwritten PHP and JS framework. It was made in such a way so that a manager could make a very special design according to his/her preferences for any destination/country. I created an admin panel in a way it was easy to add content on the page. In addition, I wrote a module for SEO optimization for this website. Furthermore, I was often creating Landing Pages for the promotions and special offers of the company.

HTML - Developer
January 2013 - August 2013 (8 months)
Kazakhstan

As an HTML editor, I created and generated HTML pages for the coupon service. Each editor was responsible to finish 15 HTML pages per month. This work experience helped me to master the skill of finishing all the tasks according to the deadlines and raised my knowledge in the layout of simple pages in HTML and CSS.

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Education

Bachelor of Science - BS, Information Technology Project Management, Project Management · (2008 - 2012)