Saeid Mohadjer

Frontend & Fullstack Developer (Node.js)

Freiburg, Germany | saeid@fastmail.fm

Frontend/Fullstack developer pationate about designing and building web applications, Rest APIs, and responsive websites.

SKILLS

- Expertise in developing secure and scalable RESTful APIs with payload validation (JSON Schema) and authentication/authorization (OAuth/JWT)

- Solid knowledge of Object Oriented and Functional Programming paradigms

- Experience in automated testing including Unit and Functional Testing

- Experience in setting up Build Systems and CI/CD pipelines using NPM Scripts and GitHub Actions

- Experience with serverless computing (Vercel's Edge/Serverless Functions, AWS Lambda)

- Experience with headless CMS and Static Site Generation

- Strong knoweldge of Git, experience with different workflows as well as manual conflict resolution in CLI

- Experience in a11y and accessibility auditing and implementing WCAG 2.1 in Websites

- Experience in i18n and support for RTL languages

- Experience in creating interactive animations in SVG as well as 3D modeling and animation

TECH STACK

Frontend

- HTML 9/10
- CSS/Sass 8/10
- JavaScript/ES6 9/10
- TypeScript 8/10
- React/JSX 7/10
- Next.js 4/10
- JSON/JSON Schema 8/10
- JWT 8/10
- SVG Animation 6/10

Backend

- Node.js 8/10
- Express.js 8/10
- MongoDB 7/10
- PHP/Yii 6/10
- MariaDB 6/10
- Apache 6/10
- Contentful CMS 7/10

Tools

- NPM/NPM Scripts 8/10

Libraries/APIs

- Handlebars 8/10
- Google Maps 8/10
- YouTube 7/10

OS

- Mac 8/10
- Windows 7/10
- Linux 5/10

Cloud

- Vercel (for serverless) 8/10

Testing

- Jest 5/10

- Composer 4/10
- Jira/Confluence 9/10
- Git/GitHub 8/10
- axe DevTools 7/10

- Render (for express.js) 6/10
- AWS (SAM, SES, Lambda) 5/10

WORK EXPERIENCE

- **2013-2023**: Freelance Web Developer. During this period I worked with different agencies on developing and maintaining responsive Websites and applications for clients such as Roche, Neoperl, Sto, Siedle, Union Investment, etc.

- **2011-2013**: Frontend Developer at Virtual Identity AG, Freiburg, Germany

- **2008-2011**: Freelance Frontend Developer, Vancouver, Canada
Webby Honoree for Museum of Vancouver Website, Webby Honoree for University of Toronto Augmented Reality

- **2007-2008**: Senior Interactive Developer at B3 Communications Inc., Vancouver, Canada
Outstanding Achievement for Koloa Landing Website

- **2006-2007**: Interface Developer at Blast Radius, Vancouver, Canada

PROJECTS

- **Filterlist.js**
Filterlist is a small (4kb) TypeScript library with no dependencies that allows filtering of arbitrary HTML elements via data attributes. Filtering can be triggered using URL parameters, or by adding form elements to page, or programmatically via another script.
Demo | GitHub | NPM

- **Tournament Oraganizer**
This web app stores and displays results of tournaments. It allows setup and selection of seasons, players' ranking and history, and individual tournament results. Data fetching is done by JavaScript from MongoDB by invoking Node.js API endpoints and then injecting fetched data into Handlebars templates to render views on client side. API authorization for post requests is implemented using JWT inside a middleware. App can run using Express server on a Node.js runtime as well as on Edge runtime via Serverless functions.
Serverless Demo | GitHub

- **Website for Slaven Gluscevic**
Designed and built a Website that allows online registration for tennis training courses and camps. The admin section allows trainer to view registration data, write notes for students, update training schedule, and so on. Registration data is posted to serverless functions which then validate and write to a MongoDB instance as well as sending Email confirmation to registrants and trainer. Static content is stored on GitHub and auto-deployed to Vercel for live hosting.
Visit Website

REFERENCES

Letter of reference, Virtual Identity AG (PDF in German)

LANGUAGES

English, German (B2)