Gábor Kerekes

krks.gbr@gmail.com
+31 6 403 88 991
The Hague, NL

Full Stack Web Developer

I am a full stack web developer with a background in graphic design.
I can implement slick UIs using modern web frameworks such as **React** and **Elm**.
I can build backends using **NodeJS/Typescript/GraphQL/PostgresQL** and deploy them using **Docker**.

I am increasingly interested in statically typed **functional programming**.
I am **proficient in Elm** and a **newbie to Haskell and nix**.
I spend too much of my free time configuring **Emacs**.
I have a never ending drive to learn and to grow as a software developer.
I like science fiction.

Skills Summary

Programming Languages

→ JavaScript (ES7)   Fluent
→ TypeScript   Fluent
→ Kotlin   Fluent
→ Elm   Proficient
→ Java   Intermediate
→ Python   Novice
→ Emacs Lisp   Novice
→ Haskell   Novice
→ GLSL   Novice

Server side / databases

→ Node JS
→ GraphQL
→ Prisma
→ MySQL / PostgresQL
→ MongoDB
→ S3

Tooling / Build Systems

→ npm / yarn
→ WebPack
→ Gradle

Other

→ git
→ bash scripting
→ Some experience with test driven development
→ Adobe design tools (Photoshop, Illustrator, XD etc)

System Administration

→ Ubuntu
→ DigitalOcean
→ Docker / docker-compose
→ dokku
→ Nix (at a beginner level)

Frontend

→ Elm
→ React / Redux
→ Apollo Client
→ Styled Components
→ CSS modules
→ D3.js
→ WebGL
→ Jest

Editors

→ Emacs (with vim emulation)
→ Vim
→ IntelliJ
→ Atom

Work Experience

RNDR
Web development, creative programming
2017 September - present

- → Concept development and data visualizations for leading companies in the automotive industry
- → Developed several websites using React
- → Developed controller middleware for an interactive installation at Autostadt using Kotlin
- → Developed a documentation engine which generates a static site out of annotated Kotlin source code.
- → Prototyped several mapping tools with OPENRNDR
- → Ported legacy application code from Java to Kotlin
- → Server administration and maintenance of internal tooling using docker
- → Gave an OPENRNDR workshop at JFuture, Minsk
- → Developed and presented typographic demos for OPENRNDR at Google's SPAN design conference in Helsinki

LUST / LUSTLab
Full Stack Web Development
2016 Sept - 2017 Sept

- → Development of a React webapp used in the workshops of the 2016 WTHX hackathon
- → Development of the backend (NodeJS/MongoDB), CMS (React) and custom PDF generator (Electron run headlessly) for pagesmagazine.net
- → Concept development and data visualizations for leading companies in the automotive industry using OPENRNDR and d3.js
- → Maintenance work on an Angular 1.0 code-base
- → Containerization and migration of legacy websites
- → Server administration (Ubuntu)

Freelance Web Developer
2016 March - Present

- → UI/UX design, back-end and front-end development for thesisproject. us. Learned to use React, Redux, ES6, babel, webpack, npm, NodeJS, MongoDB, DigitalOcean, dokku.
- → Development of a content management system, a collaborative text annotation tool and the front end for underpressure.online, using PostgresQL, NodeJS, SlateJS, React/Redux.
- → UI redesign, reimplementation of front end in Elm, porting of back-end to a TypeScript / GraphQL / MySQL stack for thesisproject. us to improve reliability/maintainability and to accommodate newly requested features. A also developed a new admin UI using react-admin.

Internship
2015 May - 2015 October
LUST / LUSTLab

- → Design and implementation of generative animations for large-scale architectural installations
- → Learned Java and OOP
- → Learned to use Git

Education

BA Graphic Design
Royal Academy of Art, The Hague
2012 - 2016

- → Creative Programming
- → Data Visualization
- → Typography
- → Concept Development
- → UI / UX Design

Soft Skills

- → Strong work ethic
- → Curiosity, openness
- → Good communication skills
- → Independent, but good at teamwork
- → Patience
- → Attention to details
- → Good time management skills
- → I'm highly motivated, I live and breath programming

Hobbies

- → Learning new programming languages
- → Digging for obscure electronic music
- → Trying to get Emacs to do what I want it to
- → Playing squash, table tennis
- → Reading / watching science fiction
- → Graphic Design