

MAXIME HECKEL

SOFTWARE ENGINEER AND
SPACE ENTHUSIAST

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Objective

To obtain a position as a software engineer in a challenging environment for a dynamic company that creates and develops well-designed products.

General info.

SPEAKS

French Native

English Fluent, TOEFL 105/120, Cambridge FIRST

Spanish Intermediate

German Intermediate

INTERESTS

Running Architecture

Bouldering Design

Astronomy Cooking

PUBLICATIONS

I write about Javascript, React and a lot more on my blog:
<https://blog.maximeheckel.com>

MISCELLANEOUS

Speaker at the GOTO conference in Berlin.
Presented CI/CD with Docker Cloud.

Speaker at the DevOpsDDay conference in Marseille.
Presented CI/CD with Docker Cloud.

Built a complete PaaS using Docker for my engineering school

1st place at StartUp Weekend Strasbourg 2014

2nd place at "HackLeChalet" hackathon

1st place for the Rhenatic Challenge at
"La Nuit de l'Info" hackathon

Education

Machine Learning Certificate (Coursera)

Mar 2018

Engineering degree / MSc. Computer Science

2012 - 2015

ENSIIE, Strasbourg, FRANCE

Ecole Nationale Supérieure d'Informatique pour l'Industrie et l'Entreprise French "Grande École" in computer science and applied mathematics.

Classe Préparatoire aux Grandes Écoles

2010 - 2012

Lycée Saint - Louis, Paris, FRANCE

High level preparation mainly in mathematics and physics to competitive examinations for admission to engineering schools.

Experience

Senior SOFTWARE ENGINEER - Docker Inc

Apr 2019 - Now

San Francisco, CA

- Started establishing and leading the Frontend development for Docker's Federation product.
- Core contributor to the Docker Design System React library. A shared library of React components that are being used across the entire set of UIs at Docker.

(Focused on developing components, onboarding teams to use the design system, testing and release pipelines, and working closely with designers to establish the design language of Docker)

SOFTWARE ENGINEER - Docker Inc

Oct 2015 - Apr 2019

San Francisco, CA

Software engineering. Part of the product development team.

Worked on diverse projects at Docker, involving mainly frontend technologies:

- Worked on / maintained Docker Cloud, Docker's cloud offer for container management on cloud providers.
- Worked on maintaining SDKs, and the WebSocket server that manages real-time events in Go as well as the Frontend side which is built with React and Redux (Javascript).
- Enterprise Product Development Team: worked on the frontend side of UCP (Universal Control Plane). This product is the main enterprise offer for companies to orchestrate their Docker containers/apps across their cluster. Focused on re-architecting the project which is now built with React and Redux (Javascript). writing unit tests and integration tests using Jest (Javascript) and end to end tests using Nightwatch and Selenium and finally ensuring code quality with eslint (for code readability) and flow (for static typing).

SOFTWARE ENGINEER INTERN - Tutum Labs / Tutum Cloud

Apr - Oct 2015

Madrid, SPAIN

Software engineering. Developed new and innovative ways to leverage Tutum, the core project, and its associated services.

- Worked on and maintained Tutum's open source
- Worked on the Tutum overlay network plugin using weave and Go
- Created Stackfiles.io, a platform to share and download docker-compose files. Stackfiles.io was featured on Product Hunt. Built mainly using AngularJS and NodeJS.

Skills

- **Building and scaling enterprise-grade React/Redux based applications.** This includes static typing using Flow, ensuring code quality with eslint and product quality with the following set of features and tooling: Snapshot testing, unit testing, integration testing using Jest, End to End testing using Nightwatch, accessibility testing. Other tools used in this area: [React-Router](#), [Code Splitting](#), [CSS Modules](#), [Webpack](#), [Docker based development environment](#), [Cypress](#), [Styled components](#)

- **Building and architecting React component libraries.** Working closely with designers to implement their [design systems](#) and with other frontend engineers to [build and release highly reusable components](#) across many products.

- Experience with CI/CD, [automating testing and releasing Javascript based UIs or packages](#) with Jenkins, scheduling and building micro-services with Docker Swarm or Kubernetes.

A highly detailed description of each role and project listed above is available at:
<https://maximeheckel.com>