

Simon Bergot

Software Engineer

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Date of birth: 24/05/1985

Nationality: French

Medior .Net & Front-End developer with expertise on maintaining a high-traffic complex web application.

Experience

Software architect

2016-2018

Talentsoft - Recruiting module

Analyze and fix performance issues on a multitenant SaaS web application (40000 rpm). Monitor production behavior of new features using Newrelic.

Organize and animate a technical backlog. Collaborate with other teams to improve code quality.

Migrate a js/knockout stack to typescript/react/redux. Deliver trainings on front-end technologies.

Write a background job management system based on Hangfire. Manage job migration from visual cron to the new system with the production team.

Manage a team of two developers to deliver a redesign project with a strict time constraint. Coordinate the effort with the designer and product owner.

Software engineer

2014-2016

Talentsoft - International team

Develop new features for German customers using Agile methodology. Deliver new versions in production every two weeks.

Work on internationalisation tooling to improve process automation.

Design & develop REST APIs for the recruiting front office module.

Software engineer

2012-2014

eFront - ERM R&D team

Develop new features for an Enterprise Risk Management web application. Design the user interface (HTML/CSS/Javascript), implement the server side logic (VB.Net/C#) and data model (Oracle/Sql Server).

Introduce javascript unit tests with Jasmine and Karma.

Image science engineer

2009-2012

DXO - Image Science team

Research on anisotropic filtering algorithms (noise reduction, dead pixel detection and correction).

Write the functional specifications of an embedded adaptative color correction product. Implement a prototype (Python/C++) and associated calibration tools (C++).

Education

Ecole Centrale Paris - Engineering school

2005-2009

Embedded system development

KTH - Stockholm

2007-2008

Image processing

Personal projects

Gift idea management - [Github](#)

.Net core (server) and React/Typescript (client)

Command line argument parser library - [Github](#)

Haskell - [published on hackage with more than 2000 downloads](#)

Technical skills

HTML5/CSS3

Javascript

Typescript

Webpack

React/Redux

.Net/C#

Powershell

SQL Server

Git

Languages

French *Mother tongue*

English *Highly Proficient*

German *Basic*

Swedish *Basic*

Personal hobbies

Graphic novels

Board games