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Objective

Seeking a position as a Senior Front-End Engineer / Full Stack Engineer where extensive experience will be further developed and utilised. Extensive experience to the credit.

Qualifications

My job as a Front End Engineer has enabled me to develop deeper understanding and knowledge of some of the most widely used frameworks and tools: ES6, Typescript, React.js, Backbone.js, CSS3, React Redux, Next.js, Enzyme, Mocha, SinonJS, as well as bundling tools such as Webpack, Parcel and Rollup.

I have experience building NodeJS microservices with HapiJS and ExpressJS, as well as a good working knowledge of Java. I have worked with various cloud providers, mainly focusing on AWS. I also have experience with several CI/CD pipelines, such as GoCD, Jenkins and CircleCI.

I am well versed in agile principles, by working in a cross functional environment with designers and QA engineers.

Outside of work, I enjoy spending my time tinkering around various Web APIs and working with WebGL. My work is available on Github.

Experience

● Senior Software Engineer @Elsevier - ScienceDirect

↑
Dec 2019 - present

○ Software Engineer III

Jan 2018 - Dec 2019

I joined the ScienceDirect Search team as Software Engineer III where I was able to refine my skills and be promoted to Senior Software Engineer at the end of 2019.

My main responsibility over these years has been the development and maintenance of the Search FrontEnd application, built in React and Redux, using SSR and a NodeJS Backend. The architecture also includes several Java microservices integrated with ElasticSearch. Our applications use a multi-region deployment on AWS ECS, including different Lambdas that are used for scheduled tasks.

I have been responsible for the maintenance and development of a ReactJS shared component library, which is used across all teams within ScienceDirect and by Elsevier's other products.

My role mainly focused on handling external requests, making sure the library was aligned with the master brand and ensuring proper communication between Elsevier Design Team and Engineering.

I've also been the main organiser of internal Hackathons for London since January 2019. These events usually attract around a hundred engineers every session, and have been incredibly successful: since last 2019, the event has become global, and it now covers all Elsevier's offices around the world. I've been responsible for planning and hosting in London ever since.

○ **Junior Software Engineer @Workshare**

April 2016 - Dec 2017

My role in the company was mainly focused in creating and maintaining features of the Web platform following TDD, taking care of the entire process of realisation, from dealing with the design department up to following the deployment pipeline, while working in a cross-functional team. Our entire workflow was based on Agile principles, with well-defined release cycles and an extensive use of Kanban boards and tools such as Jira and Fogbugz.

My experience in Workshare gave me a working knowledge of how CI/CD (such as Jenkins) pipelines are structured. Technology wise, I sharpened my knowledge of ES6, CSS3, HTML5, Backbone.js, Marionette.js, React, Git, Node.js, Mocha, Sinon, Jasmine, Webpack, Grunt, Mockito and JUnit.

○ **Front End Engineer @Expert System SPA**

Sep 2015 - April 2016

I joined Expert Systems as a Front End Engineer, with the aim to complete 6 months internship to contribute towards my Masters degree. My task during this period of time was to design and rebuild from scratch a text editor with embedded natural language processor, using Expert System's API. My efforts were focused on bringing a standalone C++ software from a desktop environment to the browser. This gave me the opportunity to understand in depth the main MVC javascript frameworks available today and the main strategies used for front-end development.

This project was entirely developed using Angularjs, HTML5 Canvas, CSS3, jQuery and vanilla Javascript. Due to this project's specifications, I had to bring the same user experience from the desktop environment to the browser, with an eye to maximum efficiency and low latency. The integration with the company's API was implemented in Python.

Education

○ **Master's degree @Università degli Studi di Ferrara, Italy**

Sep 2013 - April 2016

Completed my Software Engineering Master's Degree in April 2016 with a mark of 110/110 after a 6 months internship as Front End developer in Expert System SPA.