Richard Erdos
Software Engineer

07402 290568
contact@richarderdos.com
www.richarderdos.com
www.github.com/rerdos

Objectives

London based software developer is passionate about deepening his knowledge in front-end technologies including React, JavaScript and in web development in general using BDD/TDD.

Work Experience

Software Engineer – Nutmeg Saving And Investment Limited, London
March 2018 – present

Working on internal screens for customer service and operations, as well as developing our cool customer facing web app. Our frontend tech stack is mainly made of **React**, **Redux** and **Sagas**. We also use Ruby on Rails, AngularJS, etc. in our legacy web app. All developments are done with **BDD/TDD** mentality, 100% test coverage as well as integration tests to ensure every story/bugfix we push to production via **CI/CD** are safe to be pushed.

Product Developer (Angular) – TalkTalk Group Plc., London
May 2017 – March 2018

Working on the sales app and the web shop for new customers using technologies like **AngularJS**, **OOP JavaScript**, **Bootstrap** and **ES6**. Developed a new journey that is more enticing and makes easier for new customers to join TalkTalk and therefore making conversion rates higher. Worked on promotions and implemented fully responsive pages with short deadlines that suits the needs of the business.

Junior Software Developer – SAM Labs Ltd., London
August 2015 – April 2017

Participated in the development of the SAM desktop application for Mac and Windows in node-webkit and in electron, using **HTML5**, **CSS3**, **SASS**, **AngularJS**, **TypeScript** (later on **ES6**) and **Foundation**. Researched and integrated new features into the app such as an audio player and folder management for both Windows and Mac with **JavaScript** (Node.js). Used **Facebook** and **Twitter API**s to enhance the authentication flow, therefore increase the user experience.

Took over the website development and refactored the entirety of it with a short deadline in order to create a much more responsive website and to decrease load time before the launch our new product to make the conversion rates higher. **Elixir EEx**, **RethinkDB** and simple **JavaScript Custom Components** have been used. A custom admin panel for recurring tasks has been developed so the Marketing team can modify some parts of the website. By doing so reducing and reallocating human resources to other projects. **Choo** framework and **Elixir** have been used for that.

Started to work on business solutions to automate the flow of orders, from the point of sale until the time of the shipment confirmation. Worked with and connected different APIs (Xero, Unleashed, SalesForce, etc.), normalised and stored data in Erlang's ETS, created a UI for internal use with **React** and **Redux** to track the data in these backend processes. **Elixir** *(with OTP)* has been used to spawn processes to gather, normalise and put sales data from one API to another.

Personal Projects

How Much ETH (January 2019)
www.richarderdos.com/howmucheth

During a single weekend challange, I have implemented an Ethereum (cryptocurrency) payment system, where people could pay the equivalent of $1.49 to see how many people paid this amount in total. I used **React** and **Redux** on FE side and **NodeJS** and **MongoDB** on the backend side.

My Portfolio (June 2017)
www.richarderdos.com

A static portfolio website that allows its owner to display any achievement or important point in his/her life, like work history or/and project history. Furthermore a sidebar is included where that person can highlight his/her skills, spoken languages and the place where he/she is located. This static page was built with by **AngularJS 1.6**, **ES6**, and **SASS**. **Webpack 2** was used as module bundler to generate builds.

Final Exam (April 2015)
www.richarderdos.com/finalexam

Single page application that uses **AngularJS**, **HTML5** and **CSS3**. Data that the user provides is stored in the browser's LocalStorage, so students need not input their data each time when they visit the app. **Bootstrap** has been used to normalise the webpage and to provide pre-designed alert boxes.

Assignment (July 2015)
www.richarderdos.com/myminifactory

AngularJS application that requests 3D objects's data from a locally provided **JSON** file, then applies it into a responsive website with a simple search. Furthermore, a modal has been implemented with Angular Foundation in order to bring more interactivity to the website. Responsive design was provided by Foundation Grid system. **Bower** was used to manage AngularJS, Foundation and **angular-foundation** libraries.

Key technologies

JavaScript, **ES6**, **React**, **Redux**, **BDD/TDD**, **Jest**, Docker, Webpack, git, CI/CD, **HTML5**, **CSS3**, **SASS/LESS**, Bootstrap, AngularJS, jQuery