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Summary

I am an agile front end developer with 12 years of experience working in demanding and high-traffic websites. I'm used to working in continuous integration projects that use Scrum as their development methodology. I've worked on various projects with different responsibilities, ranging from end-to-end website development, bug fixing, server administration, cloud content migration and interaction with the client. I'm specialized in client-side code and modern frontend frameworks, React being the framework I'm most happy working with.

Technical Skills

- Javascript Frameworks (React, Typescript, Hooks, Redux, Redux Saga, ES6, Backbone, Marionette)
- Build tools (Webpack, Gulp, Grunt)
- Tool belts (ImmutableJS, Lodash, Underscore)
- Testing (Jest, Enzyme, Cypress.io, Jasmine, Karma, Nightwatch)
- Stylesheet Languages (Styled Components, LESS, SASS)
- Cross Browser Front End Development (HTML5, CSS3, Responsive Design)
- Proficient in Node.js (Express and Koa)
- Version Control Systems (Git, SVN)
- Continuous Integration (Github Actions, Gitlab, Jenkins, Semaphore, Bamboo)
- Agile Development, Scrum

Sensyne Health - November 2021 - April 2022 (Contract)

I was part of a team developing new features for the company's Diabetes Monitoring app, a react web app used by clinicians to track their patient's blood sugar readings to make recommendations and allow better management of the patient's well-being regarding their diabetes treatments. By the end of my role at Sensyne, I joined the company's flagship product - Sensight. Sensight is a tool for visualising cohorts to assist and inform clinical trials and query a 40 million anonymised patient database.

Technologies: React, Typescript, Hooks, React Query, Styled Components, Material UI, Circle CI, Cypress.io, Jest, React Testing Library

Agora Digital Capital Markets - January 2021 - August 2021 (Contract)

Agora is a startup in the fixed-income financial markets whose product leverages distributed ledgers (private blockchains) to provide a product for managing and creating deals for all the parties involved in fixed-income markets. After joining Agora I became the go-to person for all things frontend, championed best industry practices, and proceeded to do heavy refactoring to

the frontend architecture, introducing Redux and related tools, increased unit test code coverage dramatically, as well as implementing end-to-end integration testing (with Cypress.io) and writing tests for most pages of the app.

Technologies: React, Redux, Redux sagas, Typescript, Hooks, Websockets, Teamcity CI, Cypress.io, Jest, Enzyme

WalkUp - September 2020 - December 2020 (Contract)

WalkUp is a small startup whose product allows users to virtually queue in restaurants, notifying the user when it's their time to secure a table. I joined the team to help them finish features and meet important deadlines by developing new components for their storybook component library, and building new features both in their customer facing app as well as the restaurant management system.

Technologies: React, Redux, Typescript, Hooks, Styled Components, CircleCI, Storybook

Sainsbury's - January 2020 - July 2020 (Contract)

At Sainsbury's I worked as a Front End developer as part of the Petal team, one of the teams responsible for implementing and delivering new features for their new Insights Platform, a tool for creating data reports in order to visualise data about consumer trends and sales data. During my role I collaborated and worked along offshore team members, which, despite the timezone differences, successfully delivered the established goals and milestones. The frontend was developed using React and Redux, using Webpack for building and bundling, and Jest as the unit test tool. Regarding styling, we used extensively Sainsbury's Design System called Luna, which provides styles and common components to guarantee the same look and feel across all of Sainsbury's web products.

Technologies: React, Redux, Recompose, Babel, Webpack, D3, Jest, Enzyme, Storybook

Festicket - February 2019 - December 2019

Festicket, as the name implies, is a company specialised in the music festival ticket industry, providing a seamless way of purchasing festival tickets, as well as a range of related products - from accommodation to transport, with the mission of providing an easy and fast way of guaranteeing a great festival experience. At Festicket I was part of the Ecommerce and Payments team, responsible for the journey taken from the shop page to completing the checkout process. As a Senior Frontend Developer, I worked alongside Product Managers and Backend developers and my tasks ranged from the development of new features and writing the respective tests, performance optimizations, assisting Junior Developers and code reviewing. The front end was developed using React as the javascript framework of choice, complemented by Redux and Redux Saga for handling side effects, and SSR (Server Side Rendering) was implemented in order to improve SEO and shorter TTIs, rendered using NodeJS. Regarding

testing we use Jest for unit tests and Cypress for integration tests.
Technologies: Typescript, React, Redux, Redux Sagas, Webpack, Styled Components, Jest, Enzyme, Cypress.io, Storybook

Outlyer (former Dataloop.io) - January 2017 - December 2018

Outlyer is a startup that offers a self service DevOps monitoring solution so companies can monitor their digital services. As a Senior Frontend Developer I was brought in to work alongside the Lead UI Developer in developing new features and maintaining their first version of the product. Soon the need to evolve and iterate led us to create version 2 of the product, building from scratch what became the most advanced and modern web app that I've worked on in my career so far, creating complex visualisations and user interactions under tight deadlines. Having Netflix as our biggest and most demanding client, we successfully developed and delivered the required tools to satisfy theirs and the rest of our clients monitoring needs. Eventually becoming the sole responsible of all things frontend, I successfully carried on the development and delivery of the product. I was also responsible for interviewing and hiring a developer to work alongside me, which culminated in a great hire, both in terms of technical skills as well as cultural fit. It was a pleasure to work at Outlyer and will always remember this experience fondly, and I know the sentiment is reciprocated.
Technologies: React, Functional reactive redux (with most.js), Webpack, Gulp, LESS, Immutable.js, Lodash, Jest, Enzyme, Cypress.io

Come.pt - April 2016 - December 2016

'Come' means 'Eat' in portuguese (pronounced 'comeeh') - Come.pt is a service aimed at the portuguese market and provides a quick and easy way to order a takeaway online through either the web client or using one of the mobile apps. It's a Single Page Application built with React for the web app and React Native for the mobile apps, with Redux as a data flow pattern. It's been built with component modularity and loose coupling in mind. Each component encapsulates it's own css by using React CSS Modules and by avoiding using state variables. The API was built using Python and the Django REST Framework.
Both web and mobile apps are integrated with third party services for performance metrics and user analytics such as Google Firebase and Google Analytics, as well as Auth0 for user management and authentication. Come is also prepared for CD and CI development by using Webpack configured for different environment builds and Semaphore CI as the build runner. Come.pt is my side project and as the sole developer, I work transversally across all aspects of the project development, developing both frontend and backend.
This project has since been discontinued and the code made public -
https://github.com/nunohora/come-frontend
Technologies: React, Redux, React Native, Webpack, Bootstrap, CSS Modules, Jest, Python, Django REST Framework

PokerStars - May 2015 - January 2016 (Contract)

As a Senior Web Developer, I worked as part of an agile team on the company's Sportsbook Betting product. My main responsibilities were the improvement and scalability of the frontend framework, as well as the development of new features and bug fixing. During this position, I proactively introduced best industry practices (switching from Subversion to Git, code reviews, feature branches), and proceeded to refactor big legacy code app components such as the bootstrapping process or Gulp build tasks and improved them to up-to-date standards. Implemented a Integration testing framework using Marionette and Nightwatch, running in Gulp or Bamboo with Phantomjs.
Technologies: Marionette, Webpack, Gulp, Bamboo, Jira, Git, Webstorm

Tag Worldwide - September 2014 - March 2015 (Contract)

Worked as a Front end Developer within a Scrum team, most members located in India. As a team we worked in a component of the company's Asset Management System, called Symphony. Symphony is a Job management system, which purpose is to create, coordinate and manage printing jobs between different departments and offices of a given company. The system is a Single Page Application, built with Backbone.js as the front end framework, LESS for styling and Handlebars as the templating engine. My tasks consisted mostly of extending Symphony's features as well as bugfixing and improving its performance.
Technologies: Backbone.js, Underscore.js, Require.js, jQuery, Grunt, Jasmine, Jira, Handlebars, LESS, Git

Hogarth Worldwide Ltd - February 2014 - September 2014

Front end developer working within a Scrum team developing a product called CopyCentral. CopyCentral is a web based application which enabled Clearcast to manage and coordinate efforts with advertising agencies and approve television advertising before they go on TV. As the only Javascript developer in the team, I had ownership of the front end of the project and was responsible for the development of new features and bugfixing of the product, using Backbone.js as our frontend framework, as well as the standard tools for the job: jQuery for manipulating the DOM, LESS as our CSS preprocessor, Grunt for running node tasks such as Jasmine unit testing, code minification and obfuscation and the compiling of LESS files to CSS.
Technologies: Backbone.js, Underscore.js, Require.js, jQuery, Grunt, Jasmine, HTML5, LESS, Git, Github

Gamesys - April 2013 - February 2014

- Front end developer working within a team developing a Poker App for Facebook. Working in a Continuous Delivery release plan and using tools such as 'Hudson' for automating tasks and 'Scrum' as our development methodology.
Using Backbone as a web framework, jQuery and Underscore as toolbelts, Jasmine and Sinonjs for unit testing, and Requirejs for modularization and as a dependency management tool, I developed new features of a component called the Academy. My role also included writing unit tests as well as bugfixing a broader range of the app's components. We use SASS as a CSS preprocessor, Handlebars as the templating engine and Grunt running on Node.js for automating tasks such as stylesheet creation, image optimization, running unit tests and for creating sprites, using a Grunt plugin called Compass.
Working on this project means I can now effectively use Backbone as a development framework, I learnt

how to automate and configure Grunt tasks and this has also given me the capability to use Facebook's API and understand the intricacies of Facebook apps. This position also helped me deepen my knowledge of Javascript, the front end technology stack and the web in general.
Technologies: Backbone.js, Underscore.js, Require.js, jQuery, Grunt, Jasmine, HTML5, SASS, SVN, Git

Blip.pt - November 2010 - April 2013
Projects:
- Front-end developer of the new sports website for the largest betting exchange company with 4 million users - Betfair.
Technologies: Freemarker, Cross-Browser CSS (2/3), JavaScript, YUI3, YAML, Jasmine

- Development of additional features for our company's former online dating service: Loveblip (now known as WeGoOut). I was also responsible for the development of the content migration system to the Amazon S3 cloud service and minor bug fixing.
Technologies: PHP5, jQuery, Amazon S3

- Institutional portal consisting of a partnership of two cities from Portugal and Spain. I was responsible for the development of additional features for the website, namely the creation of a local company's directory from both cities that users could consult and find more information about them.
Technologies: PHP5, MySQL, HTML + CSS, Zend Framework MVC

- Full development of an institutional website from a government department that supports immigration and ethnic minorities. Developed using a proprietary CMS, I was also responsible for extending the CMS features to fill the client's needs. I was also responsible for the communication and client training.
Technologies: PHP5, MySQL, jQuery, HTML, CSS, Zend Framework MVC