# Christopher Kennedy

Full-stack Developer | Surrey | +447717201509

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## About Me

I am a committed and enthusiastic full-stack developer and graduate of FlatIron's Software Engineering course (January 2020). I am passionate about creating powerful and rich web applications - particularly through maintainable, reusable and versatile React.js components (in tandem with Rails REST APIs). This is because of the opportunity to blend real-world problem solving with UI design flair.

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| **Programming** | JavaScript (ES6, Fetch, Promises) - React.js (Hooks, Router, JWT, Redux) - Ruby on Rails (OOP, API backend) - NoSQL - MySQL/SQLite/PostgreSQL - CSS3 - HTML5 |
| **Support Skills** | Git version control - CD (Netlify & GitHub) - AGILE & SCRUM practices - Lightroom - 100WPM+ Typist (https://bit.ly/3aJLrux) - Team-working |
| **Interests** | Football - Tennis - Skiing - Current Affairs |

## Relevant Experience

### Pebble Solutions

Freelance Front-end Design & Development | Remote | April - June 2020

- Full responsibility for design, development and upkeep of Pebble Solutions' frontend
- Wire-framed using Sketch ensuring synchronicity between client expectation and results
- React.js (HashRouter), CSS3 mobile responsive & cross-browser compatible layouts (Chrome, Safari, Firefox)
- Maintained & updated via FTP at https://pebblesolutions.com

### Dominion Hospitality

UI Design and Content Creation | Remote | Sept. 2017 - January 2018

- Weekly deadlines met for writing USP-guided promotional content for Dominion's RelaxInnz and HistoricInnz hotels' webpages
- Contributed to the design language and crisp & clean aesthetic
- Example at https://www.historicinnz.co.uk/herstmonceux/

### SnakeHive

Website and Stock Administrator | Startup | Dorking, Surrey | August 2016 - February 2017

- Managed stock replacement with MS Excel and Linnworks; ensuring correct Amazon FBA distribution weekly; optimising SEO
- Photographing and editing (Adobe Lightroom) new phone-case models; listed on site using Shoppify
- Listing examples at https://snakehive.co.uk

## Projects (portfolio at chriskennedy.live/)

### _Hygenik

Link: https://hygenik.herokuapp.com/ GitHub: https://github.com/ck2e14/frontend5

- Full-stack SPA web app displaying food-serving premises' hygiene ratings & associated data plotted as markers on a map. Filterable side-panel shows premises-specific detail. Checkboxes to add/remove different premises types.
- Async Google & Food Standards Agency API integration & HTML geolocation API lat/long interpolation
- Vanilla CSS animations and transitions.
- Serialised JSON endpoints
- Protected against XSF
- Rails API | React.js | Router, Hooks, ES6 | PostgreSQL | JWT | Protected Routes | CD | HTML5

### RockPaperScissors

Link: https://rock-paper-scissors-cwk.netlify.app GitHub: https://github.com/ck2e14/rock-paper-scissors

- Users have to make a choice before the timer elapses. Computer's choice is randomly selected when user chooses.
- Toggle-able active background
- Scoreboard tracks user vs. computer scores
- React.js | ES6, Hooks | CSS3 | HTML5 | Mobile Responsive

## eXchange
Link: https://exchange-cwk.netlify.app  GitHub: https://github.com/ck2e14/eXchange
- Currency exchange rate calculator; rates pulled live via JavaScript fetch API from exchangeratesapi.io
- Covers 33 of the most-commonly used currencies
- React.js | ES6, Hooks, controlled forms | CSS3 | HTML5 | Mobile Responsive

## VAT Calculator
Link: https://vat-calc.netlify.app  GitHub: https://github.com/ck2e14/vat-calc
- Users have to make a choice before the timer elapses. Computer's choice is randomly selected when user chooses.
- Toggle-able active background
- Scoreboard tracks user vs. computer scores
- React.js | ES6, Hooks, controlled forms | CSS3 | HTML5 | Mobile Responsive

## SpaceX Info Site
Link: https://spacex-cwk.netlify.app  GitHub: https://github.com/ck2e14/spaceX-vehicles
- Fetches info about SpaceX rockets and dragons and maps over the returned info, rendering display cards for each
- React.js (Router, Hooks) | CSS | HTML5

## MapStar
GitHub: https://github.com/ck2e14/Mod4Project
- Collaborative (team of four) full-stack SPA web app to manage journeys for cycling/walking/driving/public transport
- Enter origin, destination and transit mode to see waypoints plotted on a Google API-led map. Side-panel shows route breakdown. Users can save journeys and associated information for viewing/comparison on a dashboard
- Async Google Maps and Directions API integration, serialised JSON endpoints, Rails strong params
- Rails API | PostgreSQL | React.js (Router, Hooks) | JWT | Protected Routes | CD | HTML5 | CSS

## Coro-nah-virus
GitHub: https://github.com/ck2e14/Coro-nah-virus
- Google Chrome extension that recursively searches through a website's HTML elements and replaces all occurrences of the words "coronavirus" and "COVID-19" with black-bar censoring. Because why not!
- Regex | JavaScript | CSS | HTML5

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# Education

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| Udemy | — | React - The complete course | Advanced React and Redux | Advanced CSS and SASS |
| FlatIron | — | London — Software Engineering September 2019 - January 2020<br>Intensive full-stack bootcamp - covering Bash, OOP, Ruby, Rails, Sinatra, raw SQL, SQLite, PostgreSQL, MVC, SPA, JavaScript, React.js, React Router, HTML5, CSS3. Built multiple full-stack apps including single-page React apps with external API fetches and interpolation, REST APIs (architecture and interaction), relational databases, JWT-Authentication and password hashing |
| University of Southampton | — | Geography Diploma of Higher Education, September 2015 - September 2017<br>Terminated Bachelors degree program to pursue programming career path<br>Halls football | Archery |
| Reigate Grammar | — | A-Levels:<br>History - A | Geography - A | Politics - B | Philosophy & Ethics (AS-Level) - A<br>Led ACF (Army Cadet Force) detachment as RSM | 1st XV Rugby | |