

Ryel Oliver

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EXPERIENCE

Software Developer – 1Password, Cambridge

February 2025 - Present

- Collaborating with product management, designers, developers and support staff to ensure mutual understanding of, design, and deliver features that combine multiple of the organization's products.
- Updating the organization's SaaS Manager product UI to use design system tokens across 3 different sets of UI components to maintain a consistent UI/UX, and planning how to consolidate UI patterns further in future.
- Leading delivery of complex features for SaaS Manager such as: implementing role based access control for internal tools; and extending existing access management features with more granular controls.
- Supporting the expansion of the team of individuals working on SaaS Manager through UX/DX tweaks to the product, improving internal documentation, and helping individuals either through quick responses to messages, or joining calls to discuss features, troubleshoot or pair program.

Figma; CSS; Less; TS; JS; Babel; React; Redux; Ant Design; Jest; Playwright; MongoDB; PostgreSQL; C#; NUnit; Service design; Unit testing; Integration testing

Software Developer – Trelica, Cambridge

May 2020 - February 2025

- Wearing a few hats across a company of 7-15 people, day-to-day focuses included UI design, architecture of new features and services, development of integrations with external APIs, and developer tools, documentation (both internal and external), and customer support.
- Defining and refining work items for the product's roadmap.
- Developing an integration framework to support the company's growing library of 3rd party integrations. Creating abstractions that make it easy to implement common integration behaviour, without that coming at the expense of supporting each API's custom features.
- Defining types and unit tests for specific integrations in addition to unit tests for the integration framework, its types and Babel plugin.
- Designing and developing a browser extension to be used alongside the product's web app.
- Developing an accessible and responsive WordPress theme and plugins for the company's website.

Adobe XD; Figma; CSS; Less; Sass; TS; JS; Babel; JSDoc; React; Redux; Ant Design; Jest; Enzyme; Testing Library; PHP; WordPress; MongoDB; PostgreSQL; C#; NUnit; UI design; Service design; Unit testing; Integration testing

Software Developer – UL EHSS, Cambridge

January 2020 - May 2020

- Working within a Scrum team of 9 to plan, refine and complete items for a range of new product features. Primarily focused around the UI design,

architecture and implementation of a survey building web app, an Android mobile app to complete surveys while offline, and integrating this new source of data with existing web app features for aggregating and reporting on data.

- Improving stability of the product's existing offerings by fixing bugs; increasing automated test coverage through a combination of unit tests and E2E tests; and documenting legacy features for other product, implementation and sales teams to use in place of requesting new features.
- Hosting cross-team events to gather requirements, prioritize a backlog, and review outcomes and next steps for internal developer tools. Namely empowering product and implementation teams to write user focused automated tests in Gherkin syntax with a limited set of step definitions.

Balsamiq; CSS; Sass; TS; JS; React; Redux; Semantic UI; Ext JS; Mocha; Testing Library; Cucumber; Cypress; Oracle SQL; Kotlin; C#; NUnit; Scrum; UI design; Service design; Unit testing; Integration testing; E2E testing

Software Developer – *Luminance, Cambridge*

March 2019 – December 2019

- Designing and developing a Microsoft Word add-in that merged Microsoft's Office UI Fabric library with Luminance's UI styles. The Word add-in enhanced .docx editing with version control and contract analysis features from the web app; on top of supporting round-trip editing between Word and the web app via an editor that could map plain text edits represented in JSON to XML nodes.
- Architecting and developing a web app for customers to raise and track product bugs that leveraged webhooks to integrate with an internal project management app.
- Converting desktop website mockups to a responsive website with fluid layouts and accessible interactive elements.
- Writing automated tests with Mocha, Jest and Cypress to both as part of test driven development and to prevent regressions in the above features.

Pen and paper; CSS; Less; JS; jQuery; Microsoft Office UI Fabric; Word JS API for Office add-ins; Backbone; Handlebars; Jest; Testing Library; Cypress; PostgreSQL; Node.js; Express; UI design; Service design; Unit testing; E2E testing

Technical Implementation Consultant – *UL EHSS, Cambridge*

December 2016 – February 2019

- Translating business requirements to technical solutions. Through leading initial requirements gathering, advising technical sales/scoping, authoring and reviewing specifications and ongoing refinement with customers to ensure their needs could be met by customer-specific development work, further product enhancements or existing product features.
- Providing training and ongoing support to customers, typically those with the most complex legacy code that required further documenting of edge cases.
- Developing integrations to sync data between the product and 3rd party apps like SAP and HRIS apps, in addition to automated unit tests to provide confidence when maintaining the integrations in future.
- Driving the consulting team to improve processes through standardising templates for specifications; training the team in development practices such as code reviews and automated testing so they could be adopted to reduce the number of bugs reaching production; and developing internal tools to speed up common tasks like translating customer text and validating customer configurations.

Microsoft Excel; Microsoft Word; XML; CSS; JS; React; Ext.js; Electron; PL/SQL; UI design; Service design; Unit testing

Startup Consultant – *motorquote, Stevenage*

November 2016 – December 2016

- Establishing company branding from logo design to email signatures.
- Designing and developing a website for the company.

Adobe Illustrator; HTML; CSS; JS; Branding; UI design

Branding & Web Consultant – *asyouneed, London*

June 2014 – September 2014, August 2015 – September 2015

- Branding the company's social media pages and third party services as well as designing new business cards and leaflets. I played a key role in preparing the new company website for its launch, designing the page layouts, graphics and carrying out SEO and debugging.
- Working with one of the company's clients, I was vital for both the branding and web development of the start-up business. This included design of the client's new logo, business cards, email signatures and social media pages. Whilst also developing template designs and graphics for the client's new website. I developed the client's website using HTML, CSS, PHP and a custom WordPress theme whilst also developing a custom invoicing app for the client to use.

Adobe Illustrator; HTML; CSS; MySQL; PHP; WordPress; Branding; UI design

EDUCATION

BA Natural Sciences – *University of Cambridge*

October 2013 – June 2016