

Hudson Cassidy

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WORK EXPERIENCE

RMS Cloud

Lead Developer

2025 - Current

Joined to assist a company in the hotel and booking space in transitioning a legacy system to a more modern one, as well as help move the company to use agile practices.

- Brought the existing react app up to a modern standard, introducing typescript, unit tests and linting
- Architected a new map experience, making use of MapLibre
- Designed the companies Design System, working closely with the UI team. This is built on Linaria, and aimed to standardise the way CSS was written within the existing app, while creating standard components.

REA Group

Senior Developer

2021 - 2024

Moved over to the financial services side of the business as a senior developer, focusing on the front end. Through this I've been part of a major uplift to a new design system and the change in banking partners off of NAB. I also led work on a loan comparison tool. During this period, I also moved to the consumer side of the business, working directly on the main realestate.com.au site. While here, I have seen the release of a number of new features to the site, moved the main website to use more modern technology, and assisted with federated work.

- Was successful in removing the squads legacy UI components(CSS, heavy use of external dependencies), and replacing them with the design systems(React, styled-components) throughout the financial services. This both reduced the bundle sizes, fixed many discrepancies within the UI, improved accessibility, and reduced the amount of systems we needed to maintain
- Lead large parts of a major UI uplift within financial services (react, design systems)
- Lead a piece of work to add home loan comparisons to the main site. This was written in React, urql(graphql), styled-components, AWS with node.js, cloudwatch, and also involved modernisation of the existing repo, moving off of flow and onto typescript
- Ran an initiative to move the main site off of mocha/enzyme and onto jest/react-testing-library. Also lead the transition of this site to typescript off of flow
- Rewrote a legacy system(jQuery, backbone.js) that saves collections of properties to one that uses a modern tech stack, based on react, urql(graphql). This was also moved to use the companies design system, and turned into a micro frontend
- Helped with federation from other teams into the main site, and mentored junior team members.

REA Group

Developer

2020 - 2021

Joined REA as the first Melbourne developer in the mortgage side of the business. Through this I saw the completion of a major system to service loans, a refocus to migrate large amounts of legacy data to a new modern system, the integration of Salesforce and acquisition of Mortgage choice.

- Lead a successful adoption of standard company component libraries within the mortgage servicing frontend system, bringing the look of the system in line with the rest of REA.
- Developed documentation and maintained the squads onboarding wiki.
- Reduced build times for most repos by a significant amount
- Lead the rollback strategy for a salesforce data migration. This migration was a year long endeavour, containing financial and mortgage data that was also used to pay the mortgage brokers.
- Wrote AWS infrastructure in node.js for a massive data migration piece of work. This involved many facets of AWS including SQS, Lambda, cloudwatch, Dead Letter Ques
- Maintained and wrote mortgage/loan logic in Java, also using springboot

Cognativ

Developer

2020

Plezzel

Developer

2018 - 2019

EDUCATION

RMIT University

Bachelor of Computer Science

2015-2017

PERSONAL PROJECT

railhistory.io

Developer/Project Manager/Design

2022-Current

Created an interactive historical map on Australia's railway history using react/typescript/open street maps