

Resume

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WORK EXPERIENCE

REA Group

Developer

2020 - Current

Joined REA's financial services, BrokerX tribe, as the first Melbourne based developer. This system has a multitude of microservices written in Java and Node, with a React front-end, on the AWS ecosystem. I have also undertaken the following:

- Campaigned successfully to move older repos up to newer standards, as well as improving efficiency of tools, and positively impacting programmer experiences in existing code bases.
- Am a regular contributor to development guilds, presenting new ideas, alternative views, and solutions to long standing problems to the wider team.
- Have become a key member in the employee lead initiative in REA's reconciliation action plan.
- Improved the on-boarding experience for new developers by completely rewriting all actions in to live in the same place. This was also written to better make use of remote starters.

Cognativ

Developer

2020

Worked as a Developer for Cognativ who do contract work primarily for mobile applications. My work here primarily consisted of node.js in the backend, and react or react native in the front end depending on the project. While here, I worked on:

- A podcast app, written in Django and React Native. This app was inherited, so a lot of effort was placed into helping code maintainability. As such I made the initiative to start using pydocs, as well as splitting up massive files into appropriate modules, along with introducing unit tests.
- A social media app's backend, written with Node.js. While working in this, I rewrote the backend to be fully tested, with 100% code coverage, and to utilize better code practices, like environment variables for its secret keys, and separating its graphql resolvers from the its database functions.
- The same app's admin website, written in React. I started this one from scratch, so have been in charge of almost all aspects of this, including project management.

Plezzel

Developer

2018 - 2019

Joined a small start-up in the Real Estate / Digital Marketing space in Geelong as the 3rd developer. While there I took the following initiatives:

- Rewrote the email template engine, cutting development time from 1 week to a day per template. This system needed to allow each template to be styled and branded differently, as well as provide some rudimentary logic. This included separating out the data from the visuals, and providing a layer that ensures that email compatible HTML / CSS is produced.
- Learned and used GraphQL and Laravel to rebuild the mobile app's backend from scratch.
- Helped the team rewrite old code into new maintainable modules, including starting to write unit tests, and incorporate proper git processes (code reviews, better branch management) and start using Jira to manage sprints.

EDUCATION

RMIT

Bachelor of Computer Science (RMIT University)

2015-2017

Completed my Bachelor of Computer Science at RMIT Melbourne. I took my majors in Cloud Computing and Artificial Intelligence

EXPERIENCE

Programming Languages

Javascript (React, Node, ES6)
PHP
C++
Java
Python

AWS

S3
EC2
SQS
Lambda
Cloudwatch
DynamoDB
Cloud Formation
IAM

OUTSIDE OF WORK

I play Piano
I've got a Husky!
Learning Japanese
Always looking for good Food

PROGRAMMING FAVOURITES

Favourite famous programmer

John Carmak

First programming language I learnt

C++

Favourite IDE

VS code