

ALLAN GAO

SOFTWARE DEVELOPER

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SKILLS

Languages - HTML, CSS, JavaScript, NodeJS, GraphQL, Typescript, C#

Frameworks - ReactJS, NextJS, Gatsby, ExpressJS, ASP.NET

Backend - MongoDB, PostgreSQL, SQL

Development Tools - Docker, Git, Github, Bitbucket, Redux, Webpack, Gulp, Apollo, Storybook, Emotion

Testing Tools - Enzyme, Jest, React Testing Library

Applications - Kentico, CraftCMS, Wordpress

EXPERIENCE

UI Engineer | Deltatre

May 2021 - Present

Sydney, Australia

Main Duties

- Build and maintain UI features as part of the UI team of flagship product (www.mtribes.com) (React, Typescript, GraphQL, Emotion)
- Collaborate with design team to ensure user specifications and design patterns are met (Storybook)
- Work with backend team to establish orchestration layers between multiple backend services and the frontend web application (Apollo GraphQL, gRPC)
- Interact with Testing Team, Scrum Masters and Business Analysts for fixing of issues (React Testing Library, Jest)
- Participate and engage code reviews to ensure code quality and collaborative discussion around best practices

Key Projects

- Development of Extra Location Tribe Rules to provide increased segmentation targeting
- Development of the Funnels feature to enable insights of user journeys
- Development of the Experiments Feature to allow users to test the performances of targeted user experiences

Full Stack Web Developer | Create Studios

September 2019 - May 2021

Sydney, Australia

Main Duties

- Maintain portfolio of Kentico, Wordpress, CraftCMS websites through client ad hoc/ retainer requests. Implementing new features/bug fixes on frontend/backend. Working primarily with Kentico CMS technologies (C#, ASP.NET, SQL) and JAMSTACK technologies (React, NextJS, GraphQL).
- Facilitate in new website/application projects throughout all development phases, primarily involved with frontend integration.
- Liaise with clients and stakeholders during technical onboarding sessions and support calls.

Key Projects

- Utilise an established design system and component library (NSW Design System) in frontend implementation of a Australian Government Website (www.australiaday.com.au - 2021 version)
- Refactor frontend build/Kentico CMS implementation of multinational company website in alignment with Google Core Web Vitals performance measures (www.moxa.com/en | www.moxa.com.cn)
- Construct website using JAMSTACK technologies (www.thewhitetreecreative.com)

Developer Intern | Special Broadcasting Services

February 2019 - March 2019

Sydney, Australia

- Worked alongside frontend team in Corporate website makeover
- Implement unit tests on frontend architecture

Developer Intern | SocialMindr

January 2019 - February 2019

Sydney, Australia

- Worked in a team of three to build an internal Client Management System. Established first contact with client and subsequent communication channels
- Responsible for implementing front end architecture using React

PROJECTS

FakeSlack

[Live](#) | [Github](#)

ReactJS | Firebase | React Context API | CircleCI | Material UI

- Slack-clone web app where users can send realtime messages to other users. The app utilises latest features in React Hooks for the frontend and Firebase for realtime storage backend

Portfolio website

- Website showcasing personal projects

[Live](#) | [Github](#)

ReactJS | CSS

EDUCATION

Coder Academy | Diploma of Information Technology

August 2018 - March 2019

University of Sydney | Bachelor of Medical Science

March 2013 - November 2016