

Kusal Fernando

Front end developer with UI/UX skills

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Experience

Nov 2017 – Current **Front end UI developer**

Australian Health Practitioner Regulation Agency, Melbourne VIC

A cross-functional role working between application development and digital services teams delivering solutions for online platforms of AHPRA.

- Development of health practitioner search module using Reactjs, jQuery and Bootstrap on the front end, to be integrated in to AHPRA public website. Closely collaborate with BA, back-end developers and other key stakeholders.
- Working on developing a component based design system for AHPRA to be used across online platforms with a focus on UX and accessibility.
- Front end development and UI/UX re-design of various microsites for AHPRA.
- BAU work on updates to Practitioner surveys on legacy system (jQuery forms).
- Provide recommendations on UX/UI design guidance for the in-house graphics designer when required and evaluate technical feasibility of design concepts/ wireframes.

Feb 2016 - Nov 2017 **Front end developer**

Current by General Electric (GE), Mulgrave VIC

Part of the development team which developed an energy management application based on Predix IoT platform and collaborated with a wider team in San Ramon, CA.

- Contributed to the development of enterprise energy management application running on GE Predix IoT cloud using Polymerjs and Angularjs on the front end.
- Developed a modularized SCSS architecture for web components while adhering to atomic design principles (BEM), to facilitate developers as a UI component library.
- Collaborated with off-shore UX designers and product managers for requirements and concept building including wireframes and prototypes.
- Provided guidance for developers on best practices in UX/UI ensuring usability and consistency.

Oct 2013 - Dec 2015 **Digital developer & designer**

World Vision Australia, Burwood East VIC

Part of the digital team who planned/developed new websites and services while driving adoption of new technologies, tools and frameworks.

- Front end development and UI design of websites, campaign landing pages, application UIs and microsites while ensuring responsiveness across form factors.
- Tasked as the front end developer during integrating Paypal for the online donation channels.
- Worked across multi-functional teams from ideation to delivery while contributing to UX, visual design and front-end development of project deliverables.
- Validated insights from A/B testing and conversion tracking and iteratively optimise UX and front-end code of UIs.
- Designed, developed and maintained responsive digital styleguide and assets.

Jun 2013 - Oct 2013 **Web developer**

The Travel Specialists, Armadale VIC

A contract role to design, develop and migrate content to a new CMS platform.

- Designed and developed content managed (Drupal) websites for travel destinations.
- Liaised with in-house graphic designer and travel consultants for designing and developing online promotional campaigns.

2008 – 2012 **UI design engineer**

Mazarin Pvt. Ltd, Sri Lanka

A hybrid role between UI design and front end code working across multiple project teams.

- Conceptualize and formulate UI wire-frames, GUI layouts for both web and mobile projects, front end code development (mainly html, css) for web projects.
- Collaboratively work with back end developers and business analysts during project cycles, provide guidance to other UI designer.

2006 - 2007 **Web designer**

Infocraft Ltd, Sri Lanka

- Designed and developed website layouts/graphics for corporate websites. Maintenance and optimisation of web content.

Education

2005 • **BSc. Special (Hons) in Information Technology**

Sri Lanka Institute of Information Technology (SLIIT)

Skills

- | | |
|---------------|---|
| Development | • HTML5, CSS3, SCSS, LESS, Javascript/ES6+, jQuery, Reactjs, Bootstrap, Styled components, Material UI, Foundation, Gatsbyjs, Polymerjs, Jest, Webpack, Gulp, npm, Git, MVC, Sitecore |
| Tools | • VS Code, Figma, Sketch, Adobe Photoshop/Illustrator, Axure, Postman, JIRA, Confluence |
| Methodologies | • Agile, WCAG 2.0 guidelines, UX/UI design thinking |
| Analytics | • Google Analytics/GTM, Crazy egg |

Interests

- Guitar, Photography, Cricket, Travel

References

- Available on request.