

# Mark Isherwood

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## Experience

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### Vocational.....

#### UniSuper

**Melbourne**

*Full Stack Developer*

*2019–Current*

Detailed skills:

- Angular
  - Development and maintenance of internal application used by hundreds of users
  - Use of Redux/NgRx store to manage application state
  - Experienced with Single Sign On implementation with Azure AD
- .Net
  - Development and maintenance of internal application used by hundreds of users
  - Implementation of multiple BizTalk and OpenAPI integration services
- Azure
  - Migration of application from on-premises servers to Azure cloud
  - Setup of all required components and resolving of network integration
  - Automated deployments via Azure DevOps

#### Bliss Media

**Docklands**

*Senior Developer*

*2018–2019*

Drupal technology lead

Detailed skills:

- Drupal
  - Worked on Drupal 7 and 8 websites
  - Experienced in custom module development
  - Handled architecture for multiple Drupal websites
  - Setup Apache Solr integration with Drupal and implemented custom sorting options
  - Proficient with GovCMS
- Dev ops
  - Developed improved deployment process to reduce risk and time cost
  - Evaluated multiple local development tools to standardise development processes
  - Instituted coding standards across projects

**Wunderman-Bienalto***Senior Developer*

Melbourne Technology Team Lead.

Detailed skills:

- Drupal
  - Worked on multiple Drupal 7 and 8 websites.
- Azure and .Net
  - Developed web jobs for C# and .Net to link multiple systems
  - Utilised Azure Service Bus to ensure a reliable method of processing input with traffic spikes
  - Created back-end services which worked with Dynamics through OData API
- Adobe Target
  - Developed countless experiences through Adobe Target for multiple clients
- Build Systems
  - Integrated a wide number of common build tasks (SASS/Babel/HTML templating/Testing) into a framework which could be used for almost any project
- Accessibility
  - Worked with several clients with a focus on accessibility requirements.
  - Built and reviewed pages to ensure sites/pages met WCAG AA accessibility guidelines
- Team Leadership
  - Was team lead for the Melbourne development team
  - Managed a team of 7 developers.
  - Handled scheduling for the team and ensuring resources are properly utilised
  - Mentoring newer developers

**Melbourne***2014–2018***Swinburne University***Web Officer***Glenferrie***2012–2014*

Started position as industry based learning year. Re-hired via contracting agency after initial placement.

- Custom PHP/MySQL Development
  - Worked as sole maintainer of the online enrolment system for the university

## Education

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**Swinburne University of Technology***Bachelor of Science (Professional Software Development), Distinction Average***Glenferrie***2011–2014***Swinburne University of Technology***Diploma of Software Development and Website Development, Distinction Average***Glenferrie***2008–2010*

## Certifications

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**Sep 2015:** Acquia Certified Developer — Drupal 7**Sep 2017:** Microsoft Certified Professional**Sep 2017:** Microsoft Dynamics CRM 2016 Customisation and Configuration

## Computer skills

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**Languages:** HTML, CSS, SASS, JavaScript (ES6), C#, Java, PHP, SQL**Technologies:** AWS, Azure, .Net Framework, Angular, Redux, Sitecore, Drupal, Node, Gulp, Yarn, Adobe Target,

## References

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<b>Matthew Gould:</b> Former developer colleague	+61 405 553 466
<b>Drew Cosgrove:</b> Former Senior Manager	+61 411 393 354
<b>Johann Fischmann:</b> Former Developer colleague	+61 400 169 772

Further references available upon request.

## Major Projects

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### Engineers Australia.....

Engineers Australia is a professional body for the engineering field. I worked to develop their online membership portal for their Drupal 7 site.

The membership portal guided user's through the initial membership sign-up process, transferring to different membership tiers, renewal, and resignation. This included an administrative back-end for staff to process the applications through the workflow process.

This project required extensive integration with Oracle based web services for handling business logic and data storage.



### Australian National Audit Office (ANAO).....

The Australian National Audit Office's website was built using GovCMS. This project was conducted in close co-operation with Acquia. This provided a very interesting challenge on implementing all the required functionality with the limited modules approved for the distribution.



### Herbert Smith Freehills (HSF).....

We developed a number of different websites for HSF as part of a global re-platform. The two main sites we developed were Source and their corporate website.



The Source website was built to allow legal professionals to track their yearly required professional development. The site hosted legal articles and videos which earned users Continuing Professional Development (CPD) points. A custom module was developed to provide integration with a third party video service which included tracking how much of a video had been watched before crediting points.

The Corporate website was the largest of all the sites built. This involved a re-build of their existing corporate website (hosted on Sitecore) with additional functionality and content migration. One of the core features of this site is the search functionality which is featured across the entire website. This was built with a Apache Solr (hosted by Acquia Search) back-end to ensure all the required functionality was available and quick. This included search term auto-complete, spelling suggestions, acronym/synonym support, inline results, and faceted search.

The corporate website also offered multi-lingual support for content allowing staff to have their profiles and articles in their native languages.