## // Who I am

Web developer & multimedia generalist with 10 years experience in a range of industries and work environments.

In my career I have progressed from a 'full stack' dev on a commercial CMS, to soloing a start-up, to product design and technical consulting roles.  My strength is in understanding the end-to-end process, and considering both stakeholders and end users through all project stages.

## // Offline Skills

- › Project scoping and planning
- › Business-level awareness
- › Information and educational design
- › Adept team communicator

- › Technical writing
- › Instinctive problem solver
- › Excellent writing skills (proud grammar freak)
- › An eye for risk identification

## // Technical Skills

| | Dabbled | Familiar | Proficient | Specialist |
|---|---|---|---|---|
| Javascript | | | | ● |
| HTML/CSS | | | | ● |
| Photoshop | | | | ● |
| JQuery | | | | ● |
| PHP | | | ● | |
| API/SOAP development | | | ● | |
| Drupal CMS development | | | ● | |
| Sound/video editing | | ● | | |
| Server management | | | ● | |

| | Dabbled | Familiar | Proficient | Specialist |
|---|---|---|---|---|
| Cloud server (AWS) administration | | ● | | |
| Payment gateways | | | ● | |
| Mobile app. dev. | | ● | | |
| Database/SQL | | | ● | |
| Version control | | | ● | |
| Data analytics | | | ● | |
| AngularJS | 2.x | | 1.x | |
| React | | ● | | |

## // Experience

**OptionsProfitCalculator creator/developer** – www.opcalc.com, 2008-ongoing
- › Stock-options calculator single-page-app, receiving over 1,000 visits per day.
- › Built on custom PHP-MVC system with jQuery + vanilla javascript ajax front-end.
- › Use of SEO techniques, user testing, A/B testing, user-flow analysis, event analytics.

**Web Developer for National Gallery of Victoria** – ngv.melbourne, 2015-2017
- › Development of mobile guide for both web and native devices deployed via Ionic (AngularJS+Cordova)
- › Maintaining and developing Wordpress site, including integration with multiple external services, including Elasticsearch server, gallery collection image server and ticket sales system.
- › Developed automated delivery of gallery information screens from site's exhibition and program data.
- › Consulting on system architecture, deployment workflow, diagnosis of site performance issues.

**YarrMaps creator/developer** – www.yarrmaps.com, 2012-ongoing
- › Pirate-themed custom Google maps integration, as seen on official *Talk Like a Pirate Day* website.
- › Uses javascript/jQuery, Google maps & places APIs; Features: geolocation, Chrome extension.

**Mobile app design and prototype for SailingTactitian**, 2011
- › Personal project, co-developed in Titanium Mobile
- › Scoping, UX/Interaction design, proof of concepts, and field testing

Web Developer for Australian College of Rural and Remote Medicine – www.acrrm.org.au, 2009-2015
› Interface and information design for learning management system & corporate website.
› Collaboration with CSIRO in building and integrating a scheduling and video-conferencing system.
› Scoping, design, build & maintaining of 'ACRRM eHealth' website (Drupal, custom modules, jQuery/js).
› Build of invoicing system for Drupal CMS, integrating with PayWay payment gateway and MYOB.
› Flash/Flex, object-oriented game development for use with arcade peripheral at conferences/online.
› Server load testing using JMeter

Web Developer for Bloomtools – 2006-2008
› Developed re-usable modules for custom-built CMS and Email marketing platform (PHP, javascript).
› Lead dev. on Mediareleases.com: PayPal and PayMate integration, Twitter app integration.
› Company has gone on to franchise nationally and partner with Snap Printing.

Mediasphere – 2005
› Animation and interaction design on BroadLEARN educational products for Early learning and exchange students from non-English speaking backgrounds.
› Using Flash, HTML, Photoshop, Premiere.

# // Education

Introduction to Functional Programming course – NICTA, July 2015
› 3 day course covering the basics of Haskell language and concepts of Functional Programming

Bachelor of Multimedia – Griffith University, Brisbane, 2002-2004
› Multimedia Medal for highest achieving graduate, GPA 6.1, Double-academic scholarship, Residential advisor at on-campus college.

High School achievements:
› OP 1 (highest rank); Prefect; House captain; Senior year subject awards for IT & Graphics

# // Referees

| Lex Lucas | Rowan McNaught | Jenny Walker |
|---|---|---|
| Online Services Manager | Designer/developer | Project Manager |
| Australian College Rural & Remote Medicine | Studio Skiing | National Gallery of Victoria |
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