Nicholas Savile Robinson

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Engineering Manager educated in Software Development, Embedded Systems Design and Mechanical Engineering, experienced with Open-Source Web/Application Development, Highly Scalable Cloud-Based Systems, Helicopter Piloting and Unmanned Aerial Vehicles.

Professional Experience

Apple Inc. - Consumer Electronics/Software and Personal Computers, Cupertino, CA, USA
Engineering Manager, Web Services, iWork for iCloud   2012 - Present
- Full stack development supporting www.icloud.com
  - Specializing in backend scalability, performance and reliability
  - Interfacing with internal infrastructure engineering teams
  - API design/implementation for internal and public consumption
- Managing internal testing/continuous integration infrastructure
- Mentoring junior engineers

Grab Games - Social/Mobile Gaming, Los Angeles, CA, USA
DevOps Manger   2010 - 2012
- Engineering massively scalable public-facing cloud-based systems catering to 3M+ MAU
- Administering:
  - 50+ Amazon EC2 / Xen Cloud Platform private/public server clusters using Puppet
  - 30+ node sharded and replicated MongoDB clusters
  - Multi-node Nagios monitoring system and Cacti systems charting installation
  - Auto-scaling Node.js/Nginx/PHP-FPM stack tightly coupled with Jenkins CI
- Designing/Implementing:
  - Core PHP/Node.js/Javascript/AS3 frameworks and APIs/SDKs for internal and public consumption
  - Internal development tools
  - Third-party/Social Network APIs
- Mentoring junior engineers
- Supervising:
  - Project deployment
  - Research, development and expansion

CloudTronix - Web Application Development, Sydney, NSW, Australia
Freelance Developer   2003 - 2012
- Technology consultation and Search Engine Optimization
- Developing custom PHP/MySQL web applications

Qualifications

Masters of Business Administration, University of California, Davis   Expected 2019
- Part-Time (Bay Area)
- Entrepreneurship / Innovation Concentration

Bachelor of Mechatronic Engineering, University of New South Wales, Sydney, NSW, Australia   2010
- Dean's Honors, First Class
- Sun Microsystems Australia, Prize in Java Programming

Commercial Pilot License (Helicopters), HeliWest, Western Australia   2005

Basic Aeronautical Knowledge, Western Australian Aviation College, Western Australia   2005