

ANDREW MCLACHLAN

PROFILE

- Technical lead and architect with nearly 20 years' post-graduate experience
- Experience leading development teams and architecting solutions in Azure
- Full stack developer with React JS and .NET
- Proven track record of delivery
- Experience in Consulting, Insurance, Construction, Media, Classified Advertising and Finance

KEY SKILLS

Team leadership

Solutions architecture

Azure PaaS architecture

Agile (Scrum) using JIRA and Azure DevOps

GitHub administration

Octopus Deploy, TeamCity, Azure DevOps

C#, .NET 6 and below

TypeScript, ReactJS

ASP.NET Core, ASP.NET MVC, REST APIs

CSS / SASS, Responsive Design

Entity Framework, LINQ, ADO.NET

SQL Server (T-SQL, SSIS, MDS)

KEY ACHIEVEMENTS

- Delivered a suite of new applications for Laing O'Rourke, managing a team of 16 developers
- Designed a cloud-native architecture based on Azure Platform-as-a-Service (PaaS)
- At RACQ, improved developer practices, DevOps (CI/CD, operations monitoring), documentation and reduced technical debt
- Delivered the Safer Buildings website for the QLD state government, meeting very tight deadlines
- Delivered a brand-new website for RACQ, focusing on Insurance Quoting and the customer portal
- Developed, from scratch, a new, fully customisable customer portal for SG Fleet

EXPERIENCE

Application Development Manager, Laing O'Rourke

May 2019 – Present

- Built and managed a team of 16 developers
- Architected and delivered a programme of 10 web applications plus shared services (Azure, ReactJS, TypeScript, .NET Core)
- Designed an integration architecture including using Azure Service Bus and Event Grid
- Built DevOps capability with GitHub, TeamCity, Octopus Deploy and Infrastructure-as-Code for Azure
- Defined and implemented strategy for Security, High Availability and Disaster Recovery in Azure
- Instituted new development standards and ways of working (code standards, Scrum, definition of done)
- Worked with colleagues in the UK to define new global standards leading to adoption of GitHub and Auth0

Senior Software Engineer, Tatts Group / Tabcorp (Contract)

Feb 2019 – May 2019

- Working with the lotteries terminal team to implement new retail features (C#, WPF, SQL Server)

Sitecore Specialist, 4impact (Contract)

Jan 2018 – Dec 2018

- Built a Sitecore foundation platform based on Helix architecture (C#, MVC, Sitecore 9, Azure)
- Developed the Safer Buildings website for the Dept. of Housing and Public Works (QLD) (www.saferbuildings.qld.gov.au)
- Provided Sitecore consultancy services to a number of clients, including Sitecore upgrades, infrastructure and sales material

Feature Team Lead and Technical Lead, 4impact - RACQ (Contract)

Mar 2014 – Dec 2017

- Developed functionality for the redesigned RACQ public website (www.racq.com.au)
- Scrum master and digital release manager for self-service enhancements project, with a team of ten
- Technical lead for online Insurance Quoting, covering UI, API and back-end integration with a team of six
- Initiated improvements to development processes, documentation and unit testing standards
- Developed REST Microservices and WCF services to support Sitecore UI for customer self-service, member join, online claims
- Developed new tools to automate Octopus Deploy, and aggregated monitoring tools into a single Operations dashboard
- Technologies: C#, Web API, WCF, Sitecore 8, ReactJS, MVC, MSMQ, SQL Server Master Data Services, SOAPUI, AWS

Software Engineer, Queensland Government (DHPW) (Contract)

Jan 2014 - Mar 2014

Software Engineer, Fujitsu Australia Software Technology (Contract)

Apr 2013 - Nov 2013

Software Engineer, SG Fleet (Contract)

Apr 2012 - Apr 2013

Software Engineer, Fairfax Media (Contract)

Oct 2011 - Mar 2012

Senior Web Developer, Carlson Marketing (Contract)

May 2011 - Sep 2011

Software Engineer, Reed Business Information (Contract)

May 2010 - Apr 2011

Technology Consultant and Developer, Chello Publishing (Freelance)

Jan 2010 - Apr 2011

Software Engineer, London Underground (Contract)

Dec 2009 - Apr 2010

Software Engineer, Wildnet Group (Contract)

Sep 2008 - Oct 2009

Senior Software Engineer, Priocept

Dec 2006 - Aug 2008

Developer, Ascent Media Group

Feb 2005 - Dec 2006

Software Engineer, Accenture

Jan 2003 - Jan 2005

Programmer/Web Developer, Zurich Insurance

Sep 2000 - Sep 2001

EDUCATION AND QUALIFICATIONS

2022 Studying for Microsoft Certified: Azure Solutions Architect Expert

2021 Microsoft Certified: Azure Developer Associate

2018 Professional Scrum Master Level 1 (PSM-1)

2018 Sitecore 9.0 Certified Platform Associate Developer

2014 Sitecore Certified .NET Developer

2008 Microsoft Certified Professional Developer
Designing and Developing Enterprise Applications for .NET 2.0

2007 - 2009 Microsoft Certified Technology Specialist
.NET 3.5 Windows Communication Foundation (WCF)
SQL Server 2005 Implementation and Maintenance
.NET 2.0 Distributed Applications Development
.NET 2.0 Web-based Client Development
.NET 2.0 Windows-based Client Development

2004 Sun Certified Business Component Developer (including SCJP 1.4)

2002 BSc (Hons) Computer Science, Upper Second Class
University of Portsmouth, accredited by the British Computer Society

REFERENCES

Available on request