Mike Chamberlain BSc.(Hons.)

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Introduction

Software engineer and team lead with 18 years development experience across the full stack, currently specializing in front end. A wide range of experience across diverse industries and environments, working everywhere from small startups to large financial institutions. A natural love of problem solving, a relentless drive for customer satisfaction, and a tenacious attention to detail.

Skills

Core skills	Javascript + TypeScript (React, AngularJS, Angular 2, Node), C# (ASP.NET MVC, WCF, Roslyn), CSS (LESS, SASS). Agile dev lead. TDD.
Front end	Extensive knowledge of standard web technologies and protocols. Informal experience with graphic design for screen and print. UX pretender.
Server	Theory and implementation of REST and SOA architectural patterns. C# expert. Java (Springboot). Node (Express etc).
Mobile	Hybrid mobile apps with Ionic framework.
Database	Extensive knowledge of the theory and implementation of database systems and the SQL query language. ADO.NET & Entity Framework ORM with MSSQL.
Other skills	Some experience with Scala, Python, C, Objective-C, OpenGL, Bash, Powershell, RabbitMQ, PostgreSQL, AWS, OpenID Connect. Obsolete: Classic ASP, Flash, Silverlight.

Roles

Agoda
2016 - present

Senior developer

Role

- Worked on Agoda's customer facing website.
- Developed features across full stack with React, Redux, Typescript, C# and Scala.
- Lead enterprise drive for standardization of C# code.
- Mentored less experienced developers.

Achievements

- Developed open source cross department C# standards.
- Managed development of open source suite of custom Roslyn analyzers.

Symposeum
2016

Lead developer / director

Spun off from Servian (see below), Symposeum is a real-time real-time digital campaigning and personalisation platform. Served as lead developer and sat on board of directors.

Role

- Responsible for all aspects of product.
- Worked closely with UX to formulate and implement ideas.
- Contributed to UI and graphic design.
- Implemented front end in Angular 2.
- Worked on backend in PHP.

Achievements

- Took app from prototype to full commercial product.

Servian

2015 - 2016

Senior Consultant

Projects (at Macquarie Bank)

- **me** app: a hybrid Cordova iOS app / responsive website to aggregate staff members' outstanding approvals across various business applications.
- **Block Trader** iOS app: presenting institutional investors with the latest stock blocks for trade in real time.

Role

- Worked closely with stakeholders to extract requirements.
- Worked with UX team to validate and refine proposed patterns and implementations.
- Implemented presentation layer in HTML/CSS/JS and backend RESTful services in Java.
- Liaised with various in-house and third-party technical teams to integrate with business systems.
- Deployed components to Macquarie's private AWS cloud (ELB, EC2, S3, SNS).

Achievements

- Reduced average approval time by 25% with the 'me' app.
- Streamlined trades worth millions of dollars with Block Trader.
- 90% front end unit test coverage.
- First team to integrate with modern platforms and protocols within the business (OpenID Connect, AWS, Apigee). Completed integration with 10 different in-house and third-party applications, platforms and services.
- Team nominated for yearly Enterprise Technology award.
- Personally received monthly workplace recognition award.

Independent Developer

2015 - 2016

CropMagic

Developed an Ionic-based iOS application to automatically extract photos from screenshots. Currently has a 5 star rating across all versions in the App Store. Open-sourced the (fairly) robust and fast (enough) cropping algorithm on GitHub. A major emphasis placed on a smooth and intuitive user experience.

Commonwealth Bank of Australia

2013 - 2015

Solutions Designer

Projects

- **FNE v2**: the uplift of a major undocumented legacy customer facing web app to a modern technology stack.
- **Netbank signup form**: a customizable typeform-like framework for highly streamlined account sign-ups. Deployed on CBA's online banking site Netbank for four different account types.

Role

- Evangelized for a modern technology stack and ecosystem (AngularJS, RESTful web services, Bower, Grunt, LESS, Git etc). Held presentations and training sessions, and mentored team members.
- Lead front end development.
- Consulted on a suitable implementation of Agile methodology.
- Working closely with UX team to validate and refine proposed solutions.

Achievements

- Increased conversion rates by 40% for new Netbank account signups.
- Successfully achieved developer and business buy-in for a modern technology stack
- Helped deliver Colonial First State's first SPA.

Readify
2012 - 2013

Senior Developer

Projects

- **MLA Customer Notifications**: a notification and inbox application for Meat & Livestock Australia. Comprising an AngularJS front end, RabbitMQ message bus based backend, integrating with many legacy systems.
- **Westpac Mobile**: complete CSS reskin.
- **Covermore Insurance**: bugfix monkey.

Role

- Extracted requirements, designed architecture and implemented MLA's new customer notification system.
- Rapidly become familiar with clients' large and often highly complex codebases, recommend refactorings and other improvements.
- Mentored and upskilled clients' team members.

Achievements

- Unified operation and presentation of MLA's customer notifications from around 20 ad-hoc systems into one centralized platform. 80% unit test coverage.
- Implemented complete CSS reskin for Westpac mobile.
- Reduced Covermore's large bug backlog by 80%.

Servian
2011 - 2012

Consultant

Worked with various clients in the Business Intelligence space, gaining experience with SSIS, Crystal reports and other BI tools. Responsible for giving technical pre-sale presentations to major banks and other tier 1 clients. Lead development on version 1 of the company's proprietary Extract-Load Framework using Python.

Fetch TV
2010 - 2011

Team Lead

Lead teams and developed solutions using agile methodology and test-driven development, including web applications in Silverlight and ASP.NET MVC, services in C#, and embedded systems in JavaScript.

Global Gossip
2009 - 2010

Head of Software Development

Lead the five person in-house development team, overseeing all software projects. Responsibilities included requirements analysis, solution design and implementation, and mentoring of team members. Designed and implemented the integration of a branded cell phone SIM card with the billing platform designed whilst analyst programmer.

Global Gossip
2003 - 2009

Analyst Programmer

Employed as a web / application developer and DBA. Developed various systems including: a web-based stock control application; a web-based CRM application; the company's integrated OLTP billing / calling card platform; SOA encapsulating common business logic; and globalgossip.com / MyGossip, the company's (now defunct) social network for backpackers.
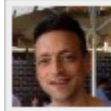
Education & Qualifications

University of Manchester
1999 - 2002

Bsc.(Hons) Computer Science

Stack Overflow

2010 - present