ANDREW MCCRAE

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TECHNICAL SKILLS

Back-end Development: Golang, C#, Java, NodeJs & VB

Web development: HTML, CSS, Javascript(ReactJs & JQuery)

Google Cloud Platform: Cloud Run & Build, App & Compute Engine, Cloud Storage & Data Store

Project delivery: Continuous Integration & Delivery, Agile\Scrum\XP methodologies

Testing techniques: TDD, Automation testing, JUnit & Jasmine

Other experience: DevOps practices, Pair programming, Bash & Batch scripting

SOFT SKILLS

Development coaching: Training and experience in helping co-workers understand their development and set goals.

Team/Project leadership: Experience organising, motivating, and leading teams to deliver projects and products.

Communication: Presenting, documenting, and sharing progress, ideas & information throughout the organisation.

PROFESSIONAL EXPERIENCE

Current
Jul 2017

Team Lead/Senior Software Engineer - PaperCut Software, Melbourne
Print management software vendor

Leading the Mobility Print product development team, championing DevOps mindset & knowledge to constantly experiment with new practices to improve our delivery performance.

Architecting solutions for new and within existing projects and products.

Polyglot development of print, scanning & document management solutions

Implementing cloud & locally hosted applications in Golang, Kotlin & Java

Created & maintaining clients for our solutions on Mobile (Android, IOS, ChromeOS), Desktop (Windows, Mac & Linux) & Web (JS: ReactJs, JQuery)

Promoting continuous delivery and auto-updating services throughout the company to deliver value to customers as quickly as we can write and test code.

Oct 2014
- Jun 2017

Software developer - DST Bluedoor, Melbourne/Southampton
Superannuation and investment software vendor

Full Stack development of sites and software for financial institutions

Creating web portal and back-end systems using HTML and AngularJs through to MVC .NET C# and Entity Framework.

Implemented features into legacy ASP.Net WebForms applications using ASP & JQuery client-side logic to VB.Net back-end and SQL Database queries.

Behaviour-driven development working closely with BA's & QA's in scrum teams of several sizes.

Jun
- Aug 2014

Intern - Laboratory for Foundations of Computer Science, Edinburgh
Research institute within University of Edinburgh

Continuing development on my application "CPi-IDE".

Focused on making the tool available and easily deployable on multiple platforms.

Creating application as a package for Haskell package manager Cabal.

EDUCATION

2009-2014

University of Edinburgh
MInf (Master of Informatics)

Masters project: "CPI-IDE: A GUI for interactive modeling of biochemical systems in the process algebra Continuous pi calculus".

Courses include: Software engineering, testing, and development processes, Computer architecture, vision, networking and security, Bioinformatics and Big Data practices amongst others.