Donal Carroll

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Objective

I am a seasoned software development leader and implementer, with an extensive background running the gamut from small startups to large enterprises, managing implementation of critical applications and systems. I work well in high-pressure situations, and I am an effective communicator and collaborator in any work environment.
I am looking for an opportunity where I can be a significant contributor to a technical initiative, as a manager and executor.

Experience

Go Factory   **Apr 2015 – May 2016**

Working as a mobile apps developer, building prototypes and MVP offerings in the mobile space (iOS and Android applications) that leveraged the Go Factory IOT server & infrastructure, and interacted with BLE devices, barcodes & other sensors in a location-aware context, to provide users tools to interact with industrial installations and devices.

I built a number of different apps, in both iOS and Android, to illustrate different parts of the Go Factory product set.

Trustcloud   **Oct 2014 – Dec 2015**

Engineering manager, working to build a set of APIs to support the Trustcloud Trust & Safety model, and implementing web-based clients to leverage the APIs. I managed a team of India-based developers, and was also directly involved as developer and architect.

Trulia, Inc.   **Feb 2014 – July 2014**

Engineering lead responsible for managing a team of web developers, and for delivery of functionality related to consumer property search on the Trulia website.
I was involved in hands-on development and design of front-end and back-end infrastructure components, and review and oversight of all code review and deployment, to enable seamless maintenance & enhancement of the highly available, high-traffic site.

BlackRock   **Feb 2011 – Dec 2013**

Development manager and team lead in development of the new generation Institutional website, that will allow high net worth institutional clients to view their holdings, and other associated financial information.
This site interfaces with internal BlackRock systems and repositories to provide highly reliable data and analytics tools for the users.
My job was a mix of hands-on developer, team lead and mentor, technical architect and product manager.
I was actively involved in the build-out of infrastructure elements for the site, specifically Java-based back-end components and services.
In addition, I managed and coordinated a team of ~10 developers located in San Francisco, London and India to deliver front-and back-end components for the site.
This involved setting project technical direction, management of deliverables, support of an agile project methodology, and implementation of tools and processes such as a continuous integration framework, a test-driven development

Wells Fargo   **Sep 2010 – Jan 2011**

Prototyping, designing and development of mobile (Android and iPhone) applications targeted at Wells Fargo external financial services customers, and internal corporate users.

Google   **Jul 2010 – Sep 2010**

Design and development of a web-based collaborative in-house application that enabled Google employees to connect with other employees, see open opportunities and active projects elsewhere in the company, and to connect with peers and mentors.

The application was developed primarily using GWT and Java

Barclays Global Investors   **Jan 2007 – Dec 2009**

I worked on a number of projects, either as development manager or team lead.

Projects included implementation of a company-wide authorization framework, a build framework (based on the Maven2 build/deploy tool), a data warehouse and data consumption utility that consumes incoming fixed income instrument data and makes the data available to downstream internal company applications, and a Portfolio Management application with a rich user interface.

Arc Worldwide   **May 2005 – Dec 2006**

Manager of the San Francisco Engineering team, and as the team's technical lead.
I was responsible for design and development of several large client projects, from initial requirements gathering through to implementation and deployment for the client.
These projects included design and development of a large-scale Rich Internet Client-based application using Macromedia Flex and a J2EE server-side architecture, in an IBM WebSphere environment.
My role comprised different responsibilities including project management, technical architecture design, and hands-on software development.

Federal Reserve Bank   **Nov 2004 – Mar 2005**

Design and implementation of a Batch Processing framework to manage processing of complex batch files, and file formats, and to interface with a Debt Management system running in an IBM Websphere Application Server environment.
The system used a J2EE architecture with server-side session management using components such as Spring, Hibernate and Session EJBs).

Paybytouch   **Jan 2004 – Nov 2004**

As senior engineer, I helped to design & develop back-end online and batch payment processing systems.

Wheels of Zeus   **Mar 2003 – Jan 2004**

I worked on the Web Service component in Steve Wozniak's new wireless startup venture.

Responsible for design and implementation of the consumer billing subsystem, including requirements gathering, subsystem architecture and framework implementation.

Wells Fargo   **Sep 2002 – Mar 2003**

Design, development and deployment of persistence-layer components for the new generation middleware layer, which enabled interaction between various banking clients and back-end systems, using latest java and J2EE technologies.

Charles Schwab & Co.   **Feb 2002 – Aug 2002**

Maintenance & enhancement of a variety of Schwab back-office systems.

Cisco Systems   **Sep 2001 – Feb 2002**

Development of a complex vocabulary-based content management system for the Cisco.com Website. Responsible for design, implementation & testing of integral deployment components that facilitate movement of content and associated metadata to the production website.

Netcentives   **Feb 2001 – Jul 2001**

Worked as a senior engineer, on design of a Channel Reseller Rewards System from initial specification and design phases, through full implementation of the product.

Snapfish   **Nov 1999 – Jan 2001**

Senior programming lead, designing and developing of the multi-tier Snapfish web-site, from initial specification through to current full production & on to new feature development.

Skills

Accomplished development manager and lead

Practitioner of agile development methodologies

Seasoned programmer, with deep experience particularly in Java language and frameworks

Education

University College Galway   **1984-1988**

Bachelor of Engineering (Electronic engineering)