Garrett Samm

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SKILLS

Languages
- C#
- JavaScript
- Objective-C
- Ruby
- Swift

Frameworks & Libraries
- ASP.NET Core
- Less CSS
- .NET 5.0
- NSubstitute
- Jest
- React
- React Native
- Redux
- Sass
- styled-components
- xUnit.net

Tools & Platforms
- Docker
- Kubernetes
- Lerna
- Microsoft Azure DevOps
- Microsoft Azure Portal

Methodologies
- Agile (Scrum & Kanban)
- Design System
- Domain-Driven Design
- Monorepo
- Object-Oriented Programming
- Responsive Web Design
- SOLID Principles
- Test-Driven Development

EDUCATION

University of Manitoba
2002 – 2007
BSc in Computer Science
Co-op Option

LINKS

garrettsamm.com
github.com/gsamm
linkedin.com/in/gsamm

EXPERIENCE

Software Developer • iQmetrix
February 2016 – Present • Winnipeg, CA

- Developed several React-based web applications using Redux or useReducer for state management and styled-components for style management.
- Managed feature requests (submitted by the design team) and support requests (requested by several development teams) for a frontend design system used across the company.
- Ensured fast and reliable deployments for several front and backend projects by creating and maintaining Azure DevOps pipelines.
- Configured containerization and deployment of several .NET Core/5.0 services using Docker and Kubernetes.
- Improved clients' satisfaction of our iOS point-of-sale application by quickly implementing highly requested features and significantly decreasing defects (while also balancing tech debt by refactoring old Objective-C code into reactive Swift).
- Contributed to a React Native prototype point-of-sale project that successfully targeted both Android and iOS.

Consultant • People Corporation
January 2013 – December 2015 • Winnipeg, CA

- Lead several projects through the software development life cycle.
- Assisted with the hiring and mentorship of new employees.
- Implemented processes, such as continuous integration and time/issue tracking, to accommodate team growth.
- Improved ease of group benefit enrolment by creating a customizable wizard that could be deployed on a per-client basis.
- Strengthened the brand recognition of the company's recruiting division by developing a custom job board application. This replaced the previous, generic job board front-end while leveraging their existing CRM back-end.
- Improved internal communication by developing a web portal application with highly customizable content and permission controls and Active Directory integration.

Consultant • Purple Consultancy
July 2012 – October 2012 • London, UK

- Provided support to several digital agencies on a short-term (one to six week) contract basis, with projects including:
  - A Facebook page developed as an embedded single-page application with Backbone.js.
  - An iPad application implemented in HTML5, CSS3 and JavaScript with Backbone.js, Grunt, RequireJS and PhoneGap.

Web Developer • Direct Focus Marketing Communications
July 2007 – June 2012 • Winnipeg, CA

- Contributed to the development of the company's flagship product over a two-year period:
  - Ensured the product passed clients' rigorous stress test requirements by recommending the use of ANTS Performance Profiler.
- Programmed and maintained several multilingual e-commerce sites that cumulatively processed hundreds of orders a day.
- Developed several proof-of-concept iPad interfaces with HTML5, CSS3 and PhoneGap.
- Created potential business opportunities for Direct Focus by learning Objective-C and Cocoa Touch in my own time.