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Summary

Result-oriented coach and practitioner of Lean/Agile/Scrum/XP methodologies

Proven track record of enhancing team efficiency through leadership, mentorship, and conflict resolution

Proficient in modernizing legacy code

Over fifteen years experience in software architecture and development

Experience



Agile Coach and Software Consultant

Sleep Easy Software

Oct 2014 - Present (6 years 8 months +)

- * Trained Software Developers in eXtreme Programming, Agile, Lean, and other methodologies
- * Practiced Test Driven Development and Design (TDD) full-time



Agile Coach and Software Development Consultant

Artium

Jun 2019 - Sep 2019 (4 months)

- * Extensive use of AWS CodePipeline, CodeCommit, EC2, Lambda, ECS, CloudWatch, S3, etc.
- * Trained employees in eXtreme Programming, Agile, Lean, and other methodologies
- * Practiced Pair Programming full-time
- * Practiced Test Driven Development and Design (TDD) full-time



Agile Coach, Project Lead, Product Manager, and Tech Lead

Pivotal Software, Inc.

Mar 2015 - Feb 2019 (4 years)

- * Led a team of developers and stakeholders
- * Trained enterprise and start-up companies in eXtreme Programming, Agile, Lean, and other methodologies
- * Practiced Pair Programming full-time
- * Practiced Test Driven Development and Design (TDD) full-time
- * Improved microservice security, scalability, and other crosscutting concerns
- * Migrated legacy applications to AWS
- * Regularly met with clients to prioritize features
- * Hosted the "eXtreme Programming Roundtable" meetup
- * Taught React, Redux, Java, Spring, AngularJS, Rest, GraphQL, DevOp best practices, Docker, etc. to teams of developers



Software Development Consultant

Disney General Entertainment Content

Dec 2014 - Mar 2015 (4 months)

- * Spearheaded the department's unit testing and integration testing effort
- * Wrote software to migrate data between two CMS'



Senior Software Engineer

NextGen Healthcare

Mar 2010 - Oct 2014 (4 years 8 months)

- * Migrated CruiseControl to Jenkins
- * Wrote automated builds for multiple products and placed them under Continuous Integration
- * Spearheaded the unit testing and integration testing effort
- * Maintained client and server libraries and APIs for NwHIN CONNECT and Aurion. This project enabled the largest integrated nonprofit medical group practice in the world to integrate with other electronic health information exchanges (HIEs), including major government agencies
- * Created DeployManager: a tool that automates deploys of all company products with an easy to use UI and an API
- * Created a library that takes a simple data model and converts it into complex medical documents (CDAs) and vice versa
- * Maintained and added features to our Clinical Data Repository (CDR) that processed billions of messages across all installs
- * Acted as the main consultant and developer for the company's Rest API



Game Designer, UX Designer, and Software Engineer

Chain of Heroes

Jun 2013 - Sep 2014 (1 year 4 months)

- * An experimental hobby project heavily influenced by test driven development and functional/procedural programming paradigms
- * A Single Page Application consisting of over fifteen thousand lines of CoffeeScript/JavaScript and a Google App Engine backend
- * Created a test suite containing over six thousand assertions that took two seconds to run
- * Practiced Continuous Delivery by deploying multiple times a day
- * Broke down large, multi-week features into smaller, thirty minute tasks



Senior Software Engineer

IBM

Nov 2008 - Mar 2010 (1 year 5 months)

- * Spearheaded the unit testing effort
- * Practiced agile methodologies like scrum—including daily stand ups, backlogs, burn down charts, pair programming, and code reviews
- * Developed a WYSIWYG editor to generate email landing pages
- * Maintained Silverpop Engage: an email marketing application used by large multinational corporations including one of the top 10 largest automobile manufacturers in the world



Senior Software Engineer

Citizen Hawk

Mar 2007 - Nov 2008 (1 year 9 months)

- * Designed and developed a domain portfolio screener to find and score trademark violations
- * Designed, maintained, and developed an open source questionnaire engine

- * Designed and developed a legal document generator
- * Maintained a web application for brand management protection — this service was purchased by many Fortune 1000 companies with billions of dollars of revenue per year
- * Modified an open source proxy server to function as an anonymizer
- * Designed and developed a system that, on a daily basis, loaded five GB of flat file data into a database
- * Designed and developed a metric website for reporting and marketing purposes



Software Engineer

Nov 2004 - Mar 2007 (2 years 5 months)

- * Designed, developed, and maintained complex patient filters for care management systems — designed by one of the world's largest pharmaceutical companies
- * Specialized as a Business Analyst to write and implement requirement documents
- * Developed and maintained patient reports
- * Internationalized care management websites
- * Modeled database schemas for health care applications

Education



UC Irvine

Bachelor's Degree, Computer Science

2000 - 2004

Information and Computer Science

Skills

Java • Software Development • XML • Agile Methodologies • JavaScript • Web Services • Maven
 • SQL • Linux • Software Engineering