

MATTHEW M. JONES

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EXPERIENCED SOFTWARE DEVELOPMENT EXECUTIVE

Dedicated software professional with over 20 years of experience successfully leading and executing scalable software initiatives as an Director, Architect, Project Manager, and Software Engineer with proven experience improving productivity, quality, and velocity of development teams.

SUMMARY

- Successfully managed the scaling of a multiple software development organizations from waterfall project management methodology to Scrum and Kanban.
- Led a financial services firm in the adoption of a modern technology stack including Spring Boot, Microservices, Docker, and Kubernetes.
- Improved quality measurably at multiple companies by hiring the right talent to help lead the team.
- Skilled in analysis, design, development, implementation, testing, and support of mission critical systems within demanding business environments.
- Over fifteen years of experience architecting and implementing web applications on a variety of platforms.
- Proven manager and architect of cloud scale projects.
- Experienced in Agile (scrum) development methodologies and passionate about innovative technologies.

EXPERIENCE

FITCH SOLUTIONS

JANUARY 2015– PRESENT

HEAD OF PRODUCT ARCHITECTURE / SR. DIRECTOR

- Mentored multiple engineers to help bring their careers to the next level.
- Led the team on evolving the architecture towards an Event Driven architecture.
- Developed a data management strategy to standardize the collection, onboarding, and distribution of 15,000+ data series onto Fitch Connect.
- Designed and executed a thorough evaluation of 8 different vendors for data extraction automation.
- Shepherded the engineering team through the creation of business cases ranging from a new search implementation to onboarding data from newly acquired businesses.
- Partnered with the Product Management team to create a unified backlog consisting of both technical items and business features.

HEAD OF PLATFORM ENGINEERING / DIRECTOR

- Rapidly assessed the needs of the organization and adjusted the hiring process to help fill the needs identified.
- Managed vendor relationships for everything from Jira implementation to full product development teams.
- Successfully articulated the need to migrate to a microservices based architecture to the Product Management team.
- Architected the next generation microservices REST APIs based on Spring Boot, Docker and Kubernetes, delivering the first release in just three months of development.
- Provided architectural guidance for each of our four data delivery channels: API, Web, Excel Addin, Feeds.
- Designed the roadmap for our migration into Amazon Web Services (AWS).

HARRISON STREET SOFTWARE

APRIL 2014 – NOVEMBER 2014

SR. DIRECTOR OF INNOVATION

- Designed and architected a cloud based solution for Goal Management and Employee Reviews.
- Utilizing cutting edge technologies to deliver a solution quickly – Google App Engine, Polymer, Material Design, Dart, and Google Cloud Datastore, Java, and Javascript.
- Building a REST API on the back end, and a responsive single page application on the front end.

SPRINGCM

JANUARY 2007 – APRIL 2014

DIRECTOR OF PLATFORM TECHNOLOGIES / SR. DIRECTOR OF SOFTWARE ENGINEERING

- Improved product quality through leading the team in a producing 600% increase in unit tests in one year.
- Conceived, designed, and managed implementation of a feature which resulted in keeping a large customer and generating \$500K of business.

- Implemented the Scrum framework to help development teams continuously deliver maximum business value.
- Led bi-weekly team retrospectives to identify and implement process improvements.
- Introduced the team to testability design patterns, such as Service Locator, to help the teams increase quality through development test coverage.
- Collaborated constantly with Product Managers to define projects and features. This includes explaining technical issues to non-technical people as well as translating business objectives into technical approaches.
- Reduced project risk by implementing continuous integration.
- Doubled the size of the development team within 8 months with an interview process that ensured this is one of Chicago's best and brightest groups of engineers.

DIRECTOR OF PROFESSIONAL SERVICES

- Managed all development activities for the Professional Services department of a cloud based document management company.
- Grew the core professional services team from 2 to 10 to handle the project backlog, scaling up to over 25, including an offshore team, to deliver an extraordinarily large solution.
- Worked closely with the sales team to scope solutions to business problems that prospects were trying to solve.
- Designed the fax/mail merge architecture for a large biotechnology company to manage charitable and research distributions of prescriptions. This project was the largest Apex project in salesforce.com and integrated with SpringCM and a third party fax provider, and processes over 5000 faxes per day.
- Implemented standard engineering practices such as source code control, bug tracking, code reviews, and testing in order to improve the quality of solutions shipped by the Professional Services team.

TECHNICAL SOLUTIONS MANAGER

- Gathered user requirements for the SpringCM accounts payable solution to determine what technology we would need in order to deliver the solution.
- Evaluated and made recommendations for third party scanning/indexing software and codeless integration software to integrate with the document repository hosted by SpringCM.
- Worked closely with the Product Management team to ensure that all necessary requirements for solutions the company was taking to market were included in the product roadmap.

SR. WEB USER INTERFACE ENGINEER

- Took responsibility for new features from requirements gathering through design, implementation, and testing.
- Determined the steps required to provide an internationalized version of our application.
- Quickly gained understanding of both the document management industry, and the software as a service (SaaS) business model.

MATT JONES PHOTOGRAPHY

DECEMBER 2003 – DECEMBER 2006

OWNER

- Architected and implemented www.CheckoutThesePhotos.com, a scalable online ordering system for school photographers, using cutting edge technologies such as Ruby on Rails, Java, Amazon S3, Amazon SQS, and AJAX.
- Multitasked daily as the photographer, marketer, salesperson, accountant, programmer, system administrator, and project manager.

WESTERN OREGON UNIVERSITY

JANUARY 2002 - MARCH 2002

ADJUNCT INSTRUCTOR OF COMPUTER SCIENCE

- Taught 14 students a course I designed "CS479: COM for C++ Programmers."
- Authored syllabus, lectures, programming assignments, and exams

PREVIOUS SOFTWARE ENGINEERING EXPERIENCE

1997-2005

- Lots of C++ programming experience writing ATL COM, early RPA processes and instant messaging, mostly as a software engineer in startups.

EDUCATION, AWARDS, AND CONFERENCES

GOTO Chicago Speaker, Microservices in the Wild, 2020

Certified Scrum Master, Scrum Alliance, October 2011

Bachelor of Arts in Computer Science, Minor in Writing; Cum Laude; Western Oregon University; June 1998; Cumulative GPA: 3.50 Major GPA 3.83.

Eagle Scout, Boy Scouts of America, 1992