

## SENIOR SOFTWARE ENGINEER

### Summary

I have almost a decade of experience creating rich Internet applications for major corporations, small companies and independently. Creating enterprise applications using the HTML, Javascript, and the Flex framework to deliver experiences in the browser, on the desktop, and in mobile applications for Android and iOS.

### Experience

Senior Software Engineer 08/2011 ÷ ¼ Current Pega (Pegasystems Inc.) MS , State

- Leading a small UI team to create retirement tools for our participants to help better predict their future retirement outcomes.
- The applications that we have deployed have led to a 25% increase in users retirement contributions, accomplishing our goal of helping our users' retirement readiness.
- At Putnam I have been leading a team of developers to create and maintain jQuery, Backbone, and now Angular applications.
- Accomplishments while at Putnam include bringing the site up to more modern standards while still support browsers as old as IE7.
- For example updating the libraries like jQuery from 1.3 to 1.10+, and moving the HTML away from table layouts to more modern div layouts.
- This upgrades lead to improvements in overall performance of the site and reduced the quirks we were having in the oldest and newest browsers.
- I strived to reduce issues in QA by making sure the team was properly informed of requirements, and supported so that they could focus on the task at hand.
- I lead an initiative to improve documentation with Markdown documents and api generation through JSDoc.
- Our team always had a small contingent of contractors that would come and go and reducing their learning curve greatly improved our process.

Flex Developer 01/2009 ÷ ¼ 08/2011 Apollo Group City , STATE

- I collaborated with a team to create a golf community site that utilized Flash Professional along with Flex Builder for their development environment.
- To manage our collaborative efforts we used Subversion and Trac for task management.
- Using the PureMVC framework we were able to create a new community site for the client's customers, which gave them an informative and interactive environment to socialize and improve their golf game.
- Working on another small development team we created an enterprise AIR application in Flex Builder 3.0 using the Cairngorm framework.
- The new application updated their current application from a COBOL application to the new AIR desktop application.
- The application is a suite of business management software for metal manufactures which can manage every step of the business process from inventory management to customer relations.
- This provides customers with an SAP alternative that is more cost efficient and specifically tailored to their industry.

Flex Developer 07/2007 ÷ ¼ 12/2007 Cynergy Systems Inc City , STATE

- Using the Flex 3 framework I helped developed rich Internet applications in a fastpaced, collaborative team environment with members located across the country.
- We used Subversion SVN and Jira to collaborate our efforts, communicate our project goals with each other, and the client on desired changes to the application.
- I utilized various design patterns and MVC (Modelviewcontroller) frameworks such as Tango and Cairngorm to give the clients ease of flexibility and maintenance for the future of their applications.

Mar 07/2005 ÷ ¼ 12/2005 Partnership Erie City , STATE

- Created professional quality websites for nonprofit organizations that were easily.
- maintainable.
- Worked on interactive content and games using Flash and Director, which are.
- still in use today.

Flex Mobile Developer 01/2011 ÷ ¼ 12/2011 Phoenix Conicon City , STATE

- Working on a small team of volunteers to help improve the the online experience for their attendees.
- I was placed in charge of making mobile applications using the Flex 4.5 and the AIR 2.6 runtime for Android and iOS, and later transitioning to the jQuery Mobile framework.
- The first application we created was to help guest liaisons to manage picking up speakers assigned to them at the airport and sending them to the correct hotels while a central dispatcher can oversee the process from a PC at the convention.
- The second mobile application is for guests to manage their schedule of events while at convention, it also provides them with maps and detailed information about guests and programming.

Flash/Flex Developer 08/2006 ÷ ¼ 06/2008 Apollo Group City , STATE

### Education

2005 Bachelor of Science : The Pennsylvania State University - Management & Information Systems City , State Management & Information

Systems

Interests

When not writing code Brewing beer, audio podcast editing, organizing online communities, hiking, camping, tinkering with my Arduino board, and listening to the warmth of my vinyl records

Skills

3D, Agile, api, audio, browsers, business management, business process, COBOL, competitive, content, client, clients, customer relations, version control, databases, documentation, edge, Flash, focus, HTML, Internet applications, inventory management, Java, Javascript, languages, Director, C#, MVC, enterprise, predict, programming, quality, QA, reality, recording, SAP, SOAP, SQL Server, Tango, upgrades, video, websites, XML, XSLT

Additional Information

- When not writing code Brewing beer, audio podcast editing, organizing online communities, hiking, camping, tinkering with my Arduino board, and listening to the warmth of my vinyl records