

Nicholas DiMola

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Skills:

Architecture

LTM, PTM, Stakeholder Presentations, WBS, DAR, Rational System Architect, Modern App Arch (Javascript MVC + REST)

Languages

Java (Spring, Hibernate, EE), SQL (T-SQL), Javascript(Angular, jQuery, Node), HTML5 (Canvas, CSS3), C#

Miscellaneous

EDI - X12 (837, 997), HIPAA Compliance (Security/Audit)

Work Experience:

CSC/CSRA: August 2013 – Present

Application Architect

Overview:

As an Application Architect for CSC/CSRA, I've helped drive a variety of different efforts spanning from evolution work on existing products, to the rollout of new products both on and off the eMedNY contract, to architectural initiatives to drive forward new ideas and tooling.

In addition to the rollout of new business in the form of the PTAR product, I helped establish the modern application architecture for eMedNY using both AngularJS and REST with Spring Boot. I also helped drive forward the use of Spring Batch on distributed as a replacement for COBOL on the mainframe.

In tandem with the release of the latest iteration of PTAR, I helped bring Jenkins for CI/CD, SonarQube for code quality, JUnit/Mockito/Jasmine/Karma for unit testing, and a variety of other process improvements, including a scrum/agile lifecycle.

I also implemented and documented the company's first integration between their ServiceMesh product and an external product (Service Now), and assisted in the delivery of the FAA UAS product in a very short timeframe.

I regularly help drive new initiatives and consistently perform analysis on a variety of products and solutions to help realize new opportunities for both eMedNY and the architectural team.

Maximus: March 2013 – August 2013

Senior Developer/Team Lead

Skills:

Apache CXF, Spring(Core, MVC), JSF, JUnit, Mockito, Oracle

Overview:

I worked as a part of the team to deliver the NY Health Benefits Exchange Cell Center application. As a part of this role, I helped drive both system design and development, while establishing architectural patterns for integration with external vendors. I established the database design and assisted other developers in realizing their implementations to meet our tight delivery windows.

HealtheSystems: February 2011 – March 2013

Supervisor, Application Development

Skills:

Java, GWT, Spring (Core, JPA, Webflow), T-SQL, JUnit, EasyMock

Overview:

I managed a team of 8 Java developers across multiple company product lines while providing technical oversight and leadership for a number of long-term, large-scale projects as well as architectural direction for the company's batch medical transaction processing and customer-facing web applications.

Details:

As a supervisor it was my job to ensure on time delivery of various features across product lines from all of the developers on my team. I conducted regular one-on-one meetings, but practiced the management style of MBWA. With all system enhancements, I provided oversight on design documents and sign-off on the designs before they were implemented. Code reviews were also regularly performed to ensure designs are followed and quality code was released to production.

Outside of my normal day-to-day responsibilities, I was responsible for providing technical leadership on large-scale projects, as well as architectural direction on various subsystems that needed improvement or replacement. As a part of that role I produced proof of concept applications, such as a rules and workflow engine, as well as a base framework for a Spring MVC/Hibernate application to replace the existing GWT system.

myMatrixx: October 2008 – January 2011

Director of Applications Development/Application Architect

Skills:

Java, JNDI, JSP, Hibernate (w/Annotations), Struts 2, Spring, AJAX, JSON, Javascript, jQuery, FusionCharts, CSS, HTML, MS SQL, Log4J

Overview:

As Director and Application Architect, I managed a team of 7, which included a DBA, a UI/UX designer, and 5 Java developers. I regularly provided marching orders for each member of the team, while simultaneously providing architectural direction for the overall system. Without QAs or business analysts staffed, I led my team to both gather requirements and conduct UA testing with key business members.

Details:

During my time as Application Architect, I designed massive improvements to the application in addition to new subsystems within the application. The multi-tiered, multi-user application handled hundreds of clients and millions of dollars in Pharmacy, Mail Order and Ancillary transactions.

Upon my employment, the application was built on simple Java Servlet technology with Java-heavy front end JSPs. I migrated the application to a Struts-like framework (I was not given the go-ahead to implement Struts 2), complete with Hibernate (replacing in-line SQL), efficient Connection Pooling, and a highly interactive front-end based on AJAX, JSON, Javascript, and jQuery.

I was also responsible for the creation of a groundbreaking Ancillary Benefits Management system, a system with which to manage Clinical activity, an end-to-end process to manage conversions to, and prescriptions in, the on-site mail order pharmacy, as well as a state reporting engine (X12 – 837/997), and a homegrown Reporting framework that used a combination of jQuery, AJAX, and FusionCharts for the real-time presentation of complex business data.

PixlBit: September 2009 – Present

Owner/Director/Creator

Skills:

Java, J2EE, JSP, Hibernate, AJAX, JSON, Javascript, jQuery, FusionCharts, CSS, HTML, MySQL, ANT

Details:

A work of passion, PixlBit is a website/application I created to deliver coverage on the video game industry. At its core, PixlBit is a Java application that is built on a CentOS server, running a Resin application server, talking to a MySQL database, which uses a custom MVC framework of my own design. The front end is built on JSP technology, with CSS 3 and jQuery.

The application is primarily a CMS, however all of the various components of the site are customizable and controlled via protected UIs used by my staff of roughly 15 writers and editors.

Though a passion project, PixlBit has offered me the opportunity to manage and coordinate coverage among a sizable group of remote staff members spread across the US. Furthermore, I'm often interacting with professional video game PR representatives on behalf of the site to organize coverage opportunities and establish a presence in the online gaming community.

More importantly, it has offered a sandbox in which I can experiment with new technologies/concepts, improve my technical writing capabilities and communication skills, and tackle a challenging managerial situation with a set of remote employees.

SUNY System Administration: April 2007 – October 2008

Lead Programmer / Analyst

Skills:

Java, J2EE, Filters & Listeners, Struts, Spring, Spring Webflow, Hibernate, JMS, JNDI, Web Services, Groovy, JUnit, EasyMock, Maven, Ant, JSP, AJAX, Javascript, CSS, HTML

Details:

I played an integral part in the development of an employment java web application that manages all employees of the State University System of New York as well as various other internal applications to aid development.

Destiny 6 Enterprises: August 2005 – November 2006

Lead Programmer

Skills:

Java, J2EE, MySQL, XML, XSLT, HTML, Javascript, CSS

Description:

I was the project lead in a team of 3 developers working on various web applications for the startup company.

Basic Braining Inc: March 2004 – March 2005

Co-Owner / Developer

Skills:

Java, Swing, MySQL

Description:

During my time at RIT, I created a Swing program with a friend for a local elementary school. In addition to managing student's grades, it had the capability of generating small interactive flash games for students to play to learn reading, spelling, and basic math. We worked closely with teachers at the school to gather requirements and design the administrative portion of the application.

e.nfrastructure: June 2004 – August 2004

On Site Deployment Coordinator

The position involved on-site IT work for the launch of a statewide email update to Outlook 2003. I managed a team of 4 people on-site to troubleshoot deployments.

Education:

Rochester Institute of Technology, Rochester, NY
Bachelor of Science - Computer Science
Communications / Business Management Minor

References:

Jason Hillhouse – (727) 385 - 6793
Stanton Daries – (813) 421 - 3441

Other references available upon request.