Jeff Walker Code Ranger

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Greater Columbus Ohio Area

PROFESSIONAL
EXPERIENCE:

SchoolPointe, Inc. (www.schoolpointe.com)   *September 2013 - January 2016*
"Sr. Product Engineer"
- Managed team of four developers and one sysadmin working on three products supporting 375+ school districts across the country
- Interviewed and selected multiple successful hires
- Responsible for product design of new Learning Management System (LMS)
- Architected LMS using C#, ASP.NET MVC 5, Less, AWS DynamoDB and AWS S3
- Oversaw revision and consolidation of system architecture leading to increased uptime and reduced costs
- Led push to consolidate code bases, putting the company in a much stronger position to innovate in the future
- Oversaw beginning of transition to DevOps approach including infrastructure as code using AWS CloudFormation and zero downtime deployments
- Lead developer on LMS

Adamantworks LLC (adamantworks.com)   *Fall 2015 - present*
Founder & President
- Founded company to develop my entrepreneurial ambitions
- Developed product idea and business strategy
- Developed pricing strategy
- Responsible for ongoing market research
- Developing product using C#, AWS DynamoDB and Amazon SQS
- Planned and executing product marketing

Apprisen (www.apprisen.com)   *August 2012 - September 2013*
 via *Quick Solutions, Inc.* (www.quicksolutions.com)
Senior Consultant
- Assist in Code Reviews and technical leadership
- Developed background process infrastructure on top of Windows Azure Queues
- Implemented features in ASP.NET MVC application using NHibernate, StructureMap and jQuery
- Learned and developed in CoffeeScript
- Responsible for transition from Entity Framework to NHibernate and creating NH conventions

Primary Financial Company (www.epfc.com)   *May 2010 - August 2012*
 via *Quick Solutions, Inc.* (www.quicksolutions.com)
Project Engineer
- Led a team of up to 6 developers in creating a line of business application using ASP.NET MVC, nHibernate & SQL Server 2010
- Implemented an Agile project methodology and a Domain Drive Design (DDD) approach
- Responsible for project architecture, technical design/decisions and domain modelling
- Responsible for all Code Reviews and mentoring junior team members
- Adapted web application to run in Windows Azure against SQL Azure using Azure Queues for background processing

Resource Interactive (www.resource.com)   *April 2010*
  via *Information Control Corporation* (www.iccohio.com)
.NET Developer

- Developed back-end of HP Ink Amnesty marketing site in C# using Entity Framework and LINQ to Entities
- Optimized LINQ/SQL queries and indexes for SQL Server 2005
- Developed Admin tool in ASP.NET
- Fixed bugs reported by QA and UAT, including in JavaScript using jQuery

Information Control Corporation (www.iccohio.com)
Senior .NET Developer   *November 2009 - February 2010*

- Learned Windows Presentation Foundation (WPF), received 1 week of training
- Developed view models and Xaml views for a module of Universal Desktop for Travelport
- Refactored code to decouple modules from one another supporting the customer's need to easily add new lines of business
- Fixed defects reported by the QA team

Resource Interactive (www.resource.com)   *October 2009 - November 2009*
  via *Information Control Corporation* (www.iccohio.com)
.NET Developer

- Did development for November update of the Hewlett Packard Friends and Family website in ASP.NET 2.0 and C# using jQuery and AJAX
- Modified SSIS package for flat file extract from database to include more data and prevent data loss
- Responsible for rapid turnaround and quality in requested changes that contributed to improved relations between the client and their customer
- Found and corrected previously unidentified bugs

TDCI Inc. (www.tdci.com)   *October 2008 - August 2009*
Senior Software Engineer

- Developed Channel Sales 6.2, extending a web forms application in VB.NET with an ASP.NET MVC component to improve performance using jQuery and AJAX
- Developed Configurator 7.0, a rewrite of a dynamic web application in C# & VB.NET
- Participated in a Scrum team and Agile Practices including Test-Driven Development (TDD), Behavior-Driven Development (BDD) and pair programming

Chase (www.chase.com)   *June 2008 - October 2008*
  via *Quick Solutions, Inc.* (www.quicksolutions.com)

- Diagnosed and fixed issues in InfoSource, an internal mixed .NET framework version ASP.NET web application
- Diagnosed and fixed issues in SSIS packages for SQL Server 2005

United Healthcare (www.uhc.com)   *December 2007 - May 2008*
  via *Oxford Consulting* (www.oxford-consulting.com)

- Developed ODAR Version 2.5.1, a web application in C#, ASP.NET and the Ajax Control Toolkit
- Created and configured database projects for ODAR using Visual Studio 2005 Team Edition for Database Professionals from the SQL Server 2005 databases

Foresight Corporation now **TIBCO** (www.foresightcorp.com)
Developer   *October 2004 - November 2007*

- Developed Transaction Insight 2.0 - 3.1, a web application using C# and ASP.NET
- Designed & developed TIBridge, an ETL like tool allowing customers to easily create a DataMart using XML & Java
- Developed the IDE component for Foresight Studio 2.0, a windows forms application using C# & XML
- Developed TIUtilities, a back-end application written in C++ that performs heavy database manipulation

Foresight Corporation now **TIBCO** (www.foresightcorp.com)
 via *Quick Solutions, Inc.* (www.quicksolutions.com)   *July 2004 - September 2004*

- Developed Web Applications using C# and ASP.NET
- Designed & developed a data access layer to abstract access to SQL and Oracle databases

Optimum Technology, Inc. (www.otech.com)   *August 2002 - June 2004*
Developer

- Developed Web & Windows Applications using VB.NET and ASP.NET
- Developed a tool to generate VB.NET code & SQL from metadata in SQL Server 2000
- Created databases in SQL Server 2000

WORK EXPERIENCE:

Oberlin College Computer Science Program   *Fall 2000 - Spring 2001*
Junior Assistant Systems Administrator

- Maintained dual boot Windows NT and Red Hat computer labs
- Installed software, configured software and security settings
- Formulated hardware and software solutions

Oberlin College Computer Science Program   *Fall 2000 - Spring 2001*
Lab Aid / Grader for CS 150 & CS 151

- Graded student's lab work
- Assisted during lab periods
- Worked with approximately 50 different students

OTHER EXPERIENCE:

Adv. Topics in Object Oriented Programming (cs.oberlin.edu/~jwalker/exco/)
ExCo ("Experimental College") Instructor   *Spring 2002*

- Received 3 credits for teaching an ExCo course at Oberlin College
- Topics Included:
  - Connections between functional and object-oriented programming
  - C++ & Design Patterns
  - Refactoring
  - Parametric Polymorphism (a.k.a. Java Generics)

EDUCATION:

B.A. in Computer Science with a Minor in Mathematics, Oberlin College: May 2002
Graduated with Honors from Thomas Worthington High School: June 1999
Columbus College of Art and Design (CCAD) Saturday Morning School: 6 years