Troy Heine

C#/VB.Net Developer | JavaScript | React | Redux | Node.js | PostgreSQL

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Career History

Dev Mountain	Student	November	2018	to March	2019
IDC Technologies, Inc (contract)	Production Support Analyst/Developer	May	2017	to November	2017
Digital Intelligence Systems, (contract)	Contract Developer	March	2015	to September	2016
Collabera, (contract)	Contract Developer	June	2012	to October	2014
EFJohnson Technologies	Applications Developer	January	2009	to April	2012
Fujitsu (contract)	Program Engineer	February	2006	to October	2008

Skills

Web Development

• React • Node • JavaScript • CSS3 • Redux • HTML5 • JEST/Enzyme

.NET   3.0, 3.5, 4.0, 4.5 Framework
➢ Job experience in **C#, VB.NET, Web Services.**
➢ Experienced with **Lambda Expressions**, **LINQ**, and threading.
➢ Exposure to **ASP.NET MVC 4**.

UNIX with Bash Scripting
➢ Experienced in the support and maintenance of **Bash** scripts using **SED** and **Regular Expressions**.
➢ Managed **Crontab** for job executions.

Databases
➢ Experienced in writing scripts in **Oracle PL/SQL and MS Transact-SQL**.
➢ Proficient in the use of **SQL** in: • **Postgres** • **Oracle** • **MS SQL** • **MySQL** • **Access**

Highlights

Software Development
➢ Wrote **Unit Testing** Automation Project for **FDIC**.
➢ Wrote various standalone windows and web services for **PepsiCo**.
➢ Created the **NuOption** application for **EFJohnson Technologies**.
➢ Rewrote and enhanced **Nodal Testing Tool** for **Fujitsu**.

Dev Mountain Projects
LaunchNews   - Technology News aggregator using NewsAPI web service.
Talko.IO   - Wrote unit testing scripts using Jest and Enzyme.

Education

Dev Mountain Coding Bootcamp 2019 • **BS** - **Information Systems** - University of Texas at Arlington in October 1993.

EMPLOYMENT HISTORY

IDC Technologies, Inc.   (Most Recent Position)
1851 McCarthy BLVD SUITE 116
Milpitas CA, 95035

May 2017 to November 2017   **Production Support Analyst/Developer**

> **ASP.NET** in **C#**, **Oracle PL/SQL**, **Linux/UNIX**
> Tier II Production Support • 24/7 on-call support with Off-Shore team members
> Supported mission critical internal TRAMS Web site.

Consulted with **Sprint** as Production Support for a critical Telecom project along with coding small enhancements. Worked with offshore support teams, attending complex implementations in a 24/7 on-call environment. Assisted in actively debugging incidents to help the offshore team. Functioned as a contact for all Application users. One of a team that created and managed all CR (change requests, ensuring all were on the calendar, pushed for approvals and that tasks were dispatched. Monitored email for Application or interface related outages, archiving failed transactions and restoring suspended interfaces.

Digital Intelligence Systems, LLC (DISYS)
19111 Dallas Pkwy
Dallas, Texas 75287

March 2015 to September 2016   **Contract Developer**

> **Visual Studio 2013** • **C#.Net** using **4.5 .Net Framework**
> Exposure to: **MS Tests, WPF, Dapper, and Caliburn.Micro**

Consulted with the **Federal Deposit Insurance Corporation** (FDIC)

Responsible for writing the **Unit Test project** that insured Pinto's software internal functionality remained consistent during development. **Pinto** was the stand-alone, single user desktop application, used by the **FDIC** to collect data at bank closings. The project tested each method in the pinto's main object (the "Event" object), using a mock data object, and applied the proper Assert to each result.

Secondly, wrote the installation tool for the **Pinto** client.

Also, provided support and maintenance for various weekly **MS Transact-SQL** database scripts.

Collabera
110 Allen Road
Basking Ridge, NJ 07920

June 2012 to October 2014   **Contract Developer**

> **Visual Studio 2003** - **2010** • **C#.Net** • **2.0** - **4.0 .Net Framework** • **ASP.NET MVC 3.0** • **Oracle PL/SQL**
> Use of: **Delegates** • **Regular Expressions** • **XML** • **Threading**
> **Agile development methodology** practiced.

Contracted at **PepsiCo** on a team of developers to maintain a PepsiCo Invoice Imaging system. Images are fed into the system using in house **Scan Vision** software and viewed using the custom **Image Vision** product. Images follow in a proprietary Workflow design. The system was fed by numerous application services; software processors that were multi-threaded applications running continuously. They watched input folders for deposits from 3rd party companies. One of these is the **PQTG Processor**, my first project to go to production at PepsiCo.

EFJohnson Technologies
1440 Corporate Drive
Dallas, Texas 75038

January 2009 to April 2012   **Applications Developer**

> Development in **Visual Studio 2008** and **2010** • **C#.Net** • **3.0** and **4.0 .Net Framework**
> Use of: **Entity Framework** • **LINQ** • **XML** • **Threading** • **Bash Scripting**

Created the NuOption load application. This application prepared radios with customer selected options and logged Radio information to the database before delivery. NuOption utilized a Visual Studio 2008 C# front end and MS SQL 2008 backend database. The NuOption application used a WCF data service and threading techniques to enable multiple radio to option simultaneously. Also, charged with maintaining the integrity of the EFJohnson's original Radio Option Load system. This required quick mastery of UNIX in a Cygwin environment utilizing Bash script files. Option Load's data was held in a MySQL database.

Fujitsu
2801 Telecom Pkwy.
Plano, Texas 75082

February 2006 to October 2008   **Consultant** - **Program Engineer**

> **Visual Studio 2003** and **2005** • **VB.Net** using the **2.0 .Net Framework**
> Use of: ADO.Net • **LINQ** (beta)

One, of a two-person team hired for the care and enhancement of the Nodal Testing Tool. The Nodal Test Tool was used to validate fiber connections and Optical Core plug-in unit (PIU) behavior for 1 to 40 wavelengths.

Enhancements-
> Promotion of code from **VB 6.0** to **VB.Net**, implementing a class structure.
> Replaced the 3rd party Winsock VB6 control in favor of the VB.net TCP Client object.
> Implemented Threading using the VB.net Background task object.
> Implemented the use of **LINQ** in order to access flat file based information from within XML files
> Added error handling routines to most procedures, and methods.
> Added code to log Commands and responses in files on the local drive. Creates and rotates 5 (user defined) log files
>   for the last 5 runs.
> Implemented playback ability with the Nodal Test Tool to take log files as input for testing purposes.