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I've been working in the IT industry professionally for over 5 years as a Software Developer after graduating. During this time I've built up a wide array of skills in many technologies working with the full-stack, though I've mostly been server-side. I'm now looking to continue my career in a new professional environment to expand my skills further and work with the latest development practices.

EDUCATION

Bsc Applied Computing

Northumbria University

July 2012

SKILLS

C#

Java

Cobol

PHP

SQL Server/MMSQL

Oracle

MySQL

Javascript

Typescript/AngularJS

Html

CSS

EXPERIENCE

Software Developer

Symology Ltd | Jan 2015 - Present

Two years ago I led my first project. This promotion entailed maintaining and enhancing our ODBC database for Symology's desktop application. Many customers use different database technologies to store their data and COBOL only supports Vision natively, so we facilitate the conversion from Vision to either MSSQL or Oracle through ODBC. This project also includes numerous database views and reports designed to display data in a user-friendly manner to non-technical users.

I am also tasked with overseeing the training of new developers. This role consists of setting up their development environment, guiding them through the training programs I created and finally providing ongoing mentorship. So far I have been responsible for 20 new hires and counting.

For the last year, I have been leading the development of a new Automated Testing Framework designed to test Symology's Web Based Application. The tests manipulate the front-end in the browser and verify the expected behaviour in both the browser and the database. The tests use a third-party API called Selenium which gives us the ability to interact with the UI as a human would.

This role has also included DevOps such as setting up build and deployment servers, and Task Management through Microsoft Team Services.

Junior Software Developer

Symology Ltd | Dec 2012 - Dec 2014

Symology is a medium sized software company with a development team of 50. I began my career working on an integrated desktop application using the COBOL language and Vision storage technology. I then moved to a new web based platform designed to replace the desktop application utilizing more modern technologies; C#, MSSQL and the .Net Framework.

My role consisted of:

- Coding core framework functionality such as Caching, Events, Logging, and Transactions using C#, Structuremap, and Postsharp technologies.
- Coding data layer interaction such as building the data model and implementing both the repository and unit of work patterns. The database uses MSSQL, and the model is created using Entity Framework (Code First).
- Integrating the back-end and front-end, using the MVC pattern data is passed to the front-end using JSON.
- Coding unit tests for the C# framework, relying on the mocking framework Rhino Mocks and IoC framework StructureMap.