Tom Hutson

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Skills: Extensive experience in all aspects of the development processes for enterprise level applications in both healthcare and education fields, primarily in a web based environment using Microsoft technologies.

Experience:

Software Engineering Contractor   **March 2018-Present**
Atlanta, GA   **Consultant and Contract Work**
- Provided guidance on modernization of legacy products to use latest design patterns and cloud hosting options.
- Integration of third party resources into existing products to expand offering and value.
- Maintenance of products to conform to the latest customer needs and specifications.

Picis Pulsecheck   (*via acquisition of NextGen division)   **October 2015-February 2018**
Atlanta, GA (Remote)   **Senior Software Engineer**
- Team lead on the revival of a previously sunset cloud application back to a production ready state. This involves conversion to a new interface engine and adaptions to areas including: claims/eligibility (EDI), registration (HL7), card scanning/OCR, ePrescribing, credit card processing, and discharge instructions.
- Developed automated solutions for scheduled data updating procedures that previously relied on manual interventions.
- Worked with other team members to introduce architecture concepts to more loosely couple different services in a large enterprise application.
- Trained other team members in the application of modern software concepts to an existing, legacy code base.

NextGen Health Care   **May 2013-October 2015**
Atlanta, GA (Remote)   **Senior Software Engineer**
- Designed and implemented a RESTful WebAPI to allow authorized external applications to consume and interact with application database information using the HTTP protocol.
- Updated an existing EHR web application to use modern technologies and practices such as SignalR and Knockout to ensure data synchronization and to improve the user experience.
- Worked with others in the development team to ensure that our EHR product meets CCHIT criteria for MU compliance.
- Served as the project lead for several client health facilities during the upgrading process to new versions of our Emergency Department EHR product.

Alora Health Care   **March 2013-May 2013**
Atlanta, GA   **Software Developer/Cloud Systems Engineer**
- Created a new web application to supplement and eventually replace an existing desktop based application.
- Managed the physical and virtual servers used for application hosting using terminal services.
- Provided customer support to a client base of over 200 different companies.

Interactive College of Technology   **March 2011-March2013**
Chamblee, GA   **IS Manager/Lead Developer**
- Created an advanced web application for use as the institutional student management system. The application uses some of the most modern technologies and techniques available at the time such as .NET 4.0, SQL 08 R2 database, SQL 08 R2 Reporting Services, SQL Common Language Runtime functions/procedures, asynchronous page calls, internal web services, and the jQuery client-side framework.
- Maintained the multitude of current systems used by the institution which are essential to day to day operations.
- Migrated the production environment of the institution from in-house to a managed cloud platform.

Awards: **2011 President's Recognition Award**, Interactive College of Technology
Presented to a select few institutional employees for outstanding service during the year.

A more verbose version is available at www.tomhutson.com