

RESUME OF: HESAM MOTAHAR

Email: Hesam.Motahar@yahoo.com
 Residency Status: green-card

PROFESSIONAL SUMMARY:

- 5 years of experience with Desktop and Web-based Development (HTML5, JavaScript, AJAX, ASP.Net 3.5/4/4.5, C#, Node JS, SQL)
- Experienced with Windows and Linux server.
- Very driven with strong analytical, organizational, technical and interpersonal skills.
- Excellent written and verbal communication skills with a can do attitude.

TECHNICAL SKILLS:

Object Oriented Programming	C#, VB, Node Js	Web Development (HTML 5, CSS, JS)
Relational Database (SQL / Oracle)	MongoDb	XML, XSLT, JSON
Team Foundation Server	Source control	IIS7 configuration
Database Administration	Stored Procedures	Unit Tests
Healthcare Revenue Cycle	Test Automation	Web Servers (Nginx, Apache)

PROFESSIONAL EXPERIENCE:

Bluware Inc – Houston, TX **Apr 2014 – Present**

Software Consultant

- I work on development, support and maintenance of BPA and subsequently BPA2, a geoscience distributed system for Shell Oil Company with variety of workflows associated with exploration at the basin and play level.
- Current team consist of seven developers and follows an agile methodology with 2 weeks sprints.

Keywords: Web Development using Angular Js, jQuery, HTML5, CSS and backend development using C#, Dapper, and MS-SQL.

Platform Houston – Houston, TX **Sep 2013 – Dec 2017**

CIO

- I started a medical startup with 4 other individuals to develop a home epilepsy monitoring device. The device used dry-electrode technology to eliminate the need for technician and laboratory setup to obtain good quality electroencephalogram (EEG) signals. I developed and coded a browser-based EEG reader purely using languages native to the browser with highchart.js to display signals and the server was running NODE JS on a Linux cloud. I also managed and developed the first iteration dry-electrode EEG prototype. I also wrote classes objects to perform signal processing all on client side.

Keywords: HighChart.Js, Node Js, JQuery, NGINX, Appache, Cloud

OrionHealth – Houston, TX **Apr 2012 – Jun 2013**

Software Developer

- I worked for RMI section of OrionHealth C corp, (a medical billing company generating health care revenue cycles for radiology and tele-radiology).
- I created and maintained web based and desktop applications to automate revenue workflow for RMI, such as automating process of patient charges, demographics and reports, and claim management.
- I created a web-based form using AJAX to automate billing cycles for medical coders.



CONSULTING RESOURCES

- Regularly met with general managers along with the IT team to obtain requirements needed for the internal IT softwares.
- I also created and maintained charts such as charge tanks, and business cash flow using SQLServiceReport and Tableau Server for their clients.

keywords: Object Oriented programming (C#, VB, .NET 4), Client side development: HTML5, CSS, jQuery (aAjax), Back end development in C# using SQL,

Back Agent (partime) – Houston, TX

Feb 2012 – Apr 2012

System Analyst

- Worked on BackAgent web-based solution. Wrote and maintained scripts that automated the process of getting and parsing MLS data from RETS protocol and storing them into SQL rational database. The MLS data included information about residential and commercial housings. C#, MS-SQL, JQuery, CSS, AJAX, SP.

TrusteSolutions (partime) – Houston, TX

Sep 2011 – Feb 2012

.Net Developer

- Developed and customized TrusteSolution - a web-based bankruptcy case management system in .NET 4.0 and SQL. I worked in team of 4 developers and two testers, I coded, troubleshoot and customized their web-based application.

keywords: ASP.NET 4.0, C#, VB, MS-SQL, StoredProcedures, JQuery, crystal-reports, AJAX, Fiddler as packet sniffer, SQLProfiler

Medical Robotics Lab – University of Houston (main campus)

Jan 2011 – Sep 2011

Research Assistant

- Collaboratively developed a Desktop Software in C++ as a part of visualization software for a medical robotic force-feedback Haptic device. The haptic controller received mechanical inputs in 6 degrees of freedom to operate a surgical medical robotic arm. The raw data contained linear and rotational motions along X, Y, Z axis. Project funded by the National Science Foundation (NSF).

keywords: C++, OpenGL, Boost Library, socket programming

University of Houston Information Technology – Houston, TX

Jan 2010 – Oct 2010

Application Tester

- Worked as customer service on University campus: tested application, troubleshooted and provided technical support to students, staff and faculty members with PeopleSoft.

Computing and Communications Services (CSS) – Ottawa, Canada

May 2009 – Oct 2009

Webmaster (student job)

- Worked in a team of 5 developers (2 senior developers)
- Front-end development, site re-branding in HTML, CSS and JavaScript
- Site quality analytics using WebXm
- PHP form surveys with MySQL on Linux Server
- Created iPhone optimized web pages
- Configured/modified Google Search Appliance server.
- Attended the universities webmaster meetings and brainstorming sessions