Richard H. Moore Jr.

Senior Software Engineer

9079 Old Castle Rd., CA 92082, Valley Center, US

https://techmooresolutions.com richard.h.moore.jr@gmail.com (951) 765-7531

richard-moore-9b238723 moore378

Over 25 years of software engineering experience. Achieved the following:

- Worked as a full-stack web developer using ASP.NET (C#/VB.NET WebForms & MVC), PHP, and Perl.
- Worked with MSSQL, MySQL, and other databases. Also used Code-First technology (EntityFramework, Telerik ORM) with some projects.
- Past projects also include microservices, multi-threading, multi-platform, hardware integration (IoT), and third-party integration ranging from web services to direct software module installation.
- Worked in different industries such as the financial (credit card processing), employee benefits, logistics (shipping), and defense industries.
- Held top secret and secret clearances with the government.
- Acted in other capacities when needed, such as business analyst, architect, tester, and dev ops engineer.
- Successfully worked with remote teams and globally distributed team members.
- Experienced with many development methodologies such as Waterfall, Scrum, and Kanban.
- Used different agile methods such as Continuous Integration (CI), Test Driven Development (TDD), and Pair Programming.
- Established DevOps tools and processes within companies.
- Trained and mentored teams in DevOps tools and processes as well as Scrum methodology.
- Masters in Business Administration (MBA), Certified Scrum Master (CSM), Certified Scrum Developer (CSD), and Advanced Certified Scrum Developer (A-CSD)

SKILLS

Languages
Master

c# python perl

web services rest/soap

asp.net webforms/mvc .net core

css javascript jquery linq

html c/c++ vb.net vb6

json xml sql

Databases/Code-First
Master

mssql mysql oracle

entityframework telerik orm

DevOps/Tools
Master

visual studio

jira/confluence/bitbucket tfs

rational team concert (rtc)

teamcity jenkins wix git

nuget telerik radgrid

visual build pro

WORK EXPERIENCE (11)

Senior Software Engineer at Techmoore Solutions **May 2019- Current**

 https://techmooresolutions.com

Worked as an independant contractor.

- Automated processing over 1200 Covid-19 PDF waivers for Escondido Soccer Club. This is a C# application reading PDF waivers, sorting them based on type and language, and organizing them based on language and team.
- Creating Chrome Extension using CSS and Javascript customizing Haynes online manuals.
- Creating Chrome Extension using CSS and Javascript customizing Amazon book pages integrating Goodreads.com (in process).

Technical Manager at US Digital Response **April 2021- Current**

📍 https://www.usdigitalresponse.org/

Working as a technical manager and mentor for a non-prophet organization developing a web application. The application determines if applicants qualify for certain programs connecting people with resources. I help define and manage the technical strategy based on guidelines from the client.

- Work is 100% remote.
- Effort involves over three different organizations.
- Web application is developed in Django living on the AWS cloud.

Senior Software Engineer at IPS Group Inc. **October 2016- May 2019**

📍 https://ipsgroupinc.com

`c#` `mssql` `rest web services` `scrum` `microservices` `wcf` `continuous integration` `nuget` `emv` `jenkins` `jira` `confluence` `bitbucket` `.net core`

The company produces "smart" parking meters (IoT). Worked on session and transaction services backend logic. The work entailed adding new credit card processors, supporting third-party development teams, and other payment processing functions such as EMV support. All development is using C#.Net and MSSQL.

- Architected and developed microservices for processing financial transactions using C#, MSSQL, and Quartz.NET scheduler. The process uses Reflection updating services based on changes made in DB.
- Built WCF Web Services supporting various credit card processor needs.
- Built a settlement processor for Barclaycard. Processor builds a settlement file, sends it to Barclaycard via SSL FTP, pulls response files via SSL FTP, and parses and processes the data from the response files. Settlement processor uses the microservices process.
- Developed Continuous Integration and Packaging services using Jenkins and NuGet for EMV project.
- Converted .Net Framework projects to .Net Core.

Technical Business Analyst (contract) at Serco **January 2016- March 2016**

http://www.serco.com

`c#` `mssql`

Serco is a defense contractor managing the TORIS contract. The TORIS contract facilitated some training of Navy personnel.

- Scoped the database engineer role and documented the database infrastructure for the next company taking over the contract.
- Successfully managed difficult personnel.

Senior Software Engineer/Scrum Master (contract) at Benetrac **October 2014- December 2015**

http://www.benetrac.com

`asp.net` `c#` `vb6` `jquery` `css` `mssql` `html5` `rest web services` `scrum` `tdd` `peer review`

Developed new and existing web-based solutions for company's HR benefits management web application.

- Upon my arrival, my team went from consistently failing to meet sprint contracts to always meeting sprint contracts. Singled out by team and management for being critical for this success.

- Lead and architected a new EOI (Evidence Of Insurability) process digitizing third-party integration.

Senior Software Engineer at Avatar Partners **April 2014- August 2014**
http://www.avatarpartners.com

asp.net   c#   vb6   jmps   kanban   scrum   tdd   tfs   jira   confluence

Company was sub-contracted to help segment sections of the JMPS program.

- Converted classic ASP written in VB6 to C# ASP.NET.
- Updated commercial software to support both 32-bit and 64-bit platforms.
- Established DevOps for project placing all software under CMS and customizing workflows within Jira for different projects.

Senior Software Engineer/Enterprise Continuous Integration Engineer (contract) at Teradata
August 2013- March 2014
http://teradata.com

java   teamcity   jira   tdd   c#   linq   rest   mssql   entity framework

I was brought in specifically for my DevOps experience to help architect a new CI/CD system.

- Architected a new system using Jira and Confluence to fully automate testing, building, generating test environment, and deploying the latest build to test environment. Success will result in bundling code for release. The process will self-document all activities and issues will result in a newly generated Jira ticket.
- Defined and developed data warehouse importing data from TeamCity.

Director of Application Development at NTE **June 2012- August 2013**
http://www.nte.com

c#   asp.net   oracle   tdd   css   linq   rest   telerik orm   telerik radgrid   vb6   asp

Developed and maintained new and existing solutions within company's web application supporting shipping logistics for shipping companies.

- Implemented DevOps and new processes for scoping and developing work within the company.
- Lead the hiring of technical consultants and employees.
- Implemented Confluence for documenting processes and work experiences.

Senior Software Engineer at BAE Systems **September 2008- March 2012**
http://www.baesystems.com

c#   vb6   c++   nunit   perl   jenkins   clearcase   visual buildpro   tdd   wcf   scrum

Developed new and maintained existing software within the JMPS program using C#, VB, and C++. Fixed the build process allowing nightly builds and monthly releases. Led the training seminar for third-party engineers on how to build and deploy the JMPS application. Automated Jenkins setup by pulling content from a CMS, parsing the project files, and then updating and running Jenkin's projects. Co-authored two proposals for the government.

- Completed Architecting Enterprise Solutions class.
- Completed the Enterprise Architecture Application Training class.
- Completed the IT Security – White Hat Training class.

- Developed training courses for JMPS build and Scrum.

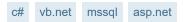- Helped implement software (OPNET) to measure JMPS performance.

Contractor at Existence Genetics **March 2008- September 2008**

`c#` `mssql`

Architected and populated a new database with genetic research material. Worked closely with a business consultant defining operation processes and the effort needed to automate them.

- The company was brand new with only two people in the company.

Senior Software Engineer at EG&G Technical Services **August 2005- December 2007**

`c#` `vb.net` `mssql` `asp.net`

Designed and developed a web application for deployed Marines offering detailed instructional checklists. The application also provided an inventory status helping the Marines identify their capability status.

- Fixed database design implementing third-normal form.
- Brought in graphics designer and oversaw update of UI design.

EDUCATION (3)

Masters Business Administration at University of Phoenix
2005 - 2008
Phoenix, AZ, (US)

Bachelors of Arts Economics at Humboldt State University
1991 - 1996
Arcata, CA, (US)

Certificate at UCSD Extension
- Current
San Diego, CA, (US)

`python` `asp.net mvc`

AWARDS

Eagle Scout at Boy Scouts of America