David Parham

**Software Engineer – CACI, Inc**

Smithfield, VA

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757.215.5147

.NET Developer with 10+ years of experience developing web, and business intelligence solutions using ASP.NET, C#.NET, and MS SQL/Oracle. Skilled in architecting and executing customized, data-driven solutions, hosted both on-premise and on the cloud. Expertise in requirements analysis, design, development, testing, maintenance, enhancement, and production support of business applications.

Authorized to work in the US for any employer

Work Experience



**Software Engineer M1 (Remote)**

CACI, Inc – Aberdeen Proving Ground, MD

November 2021 to Present

* Develop and debug cutting-edge software projects supporting the Army's Software Engineering Center DREN (Defense Research Engineering Network).
* Under supervision, develops, codes, tests, and debugs new software or enhancements to existing software.
* Possesses a good understanding of business applications. May be involved in the development of software user manuals and demonstrate software.
* Writes code to create single-threaded or user interface event driven applications, either stand-alone or those which access servers or services.
* Develops code necessary to complete the assigned project(s) in the specified time frame according to departmental standards and guidelines.
* Writes, modifies, and debugs software for client applications.
* Works with technical staff to understand and resolve software problems, resolves customer complaints with software and responds to suggestions for software modifications or enhancements.
* May help to develop the critical components of the solution, including but not limited to, security, rules infrastructure, custom adapter implementation, and application interfaces.
* Uses source debuggers and visual development environments.
* Profiles, analyzes and optimizes the software he/she is responsible for implementing.
* Employs best practices for design, development, unit testing and test plan development.
* Helps to support completed software throughout the Software Development Life Cycle and in production.
* May be involved in the development of software user manuals and demonstrate software.
* Seeks to improve personal job-related knowledge and departmental process by studying state-of-the-art development tools, programming techniques, and computing equipment; participating in educational opportunities, and reading professional publications.

**Software Developer (Remote)**

FedGeek - Reston, VA

November 2019 to November 2021

* Software Developer on DIA (Defense Intel Agency) using object-oriented programming languages.
* Supporting primarily Sql Server relational database applications .Net and Entity Framework
* Analyze user requirements to design, build, and implement software modifications
* Conduct Full Software Development Lifecycle (SDLC) using the Risk Management Framework (RMF)
* Create automated solutions using ASP.Net, VB.Net, JavaScript, and other web programming technologies in a MS Windows environment
* Research and evaluate new concepts and processes to improve performance
* Document, track and escalate issues using TFS
* Work both individually and collaboratively with other technicians, specialists, and managers
* Monitor performance to analyze, identify, and resolve cross-functional issues as needed
* Responsible for developing UI pages for other applications using AngularJS, HTML5, CSS3, JavaScript, jQuery, AJAX and JSON.
* Developed responsive web pages for smart devices using springboot and media queries.
* Used AngularJS as framework to create Single Page Applications which can bind data to specific views and synchronize data with server.
* Worked on creating log-in authentication modules using AngularJS and JavaScript.

**Software Developer IV**

CACI, Inc - Norfolk, VA

June 2015 to October 2019

* Software Developer on our Shipyard Maintenance and Logistics Information System (SMLIS) task supporting NAVSEA 04 PMO IT using object-oriented programming languages.
* Worked on several apps that interact with SMLIS using RESTful API Deployment where roughly about 5% of the app was created so myself and team of 5 had to complete. My current role was team lead.
* Supporting primarily Oracle 12.2(or later) relational database applications .Net and Entity Framework
* Supporting database applications with designing a schema, implementing a schema based upon design, creating triggers, creating stored procedures, and optimizing indexes
* Developing tasks utilizing C# ASP .NET 3.0 (or later), including the use of Angular JavaScript and jQuery on IIS server in Microsoft Visual Studios and also experience with MVC. Worked on several other projects (web-based apps) using react.
* Structured on Software Development Life Cycle (SDLC) Agile Environment
* Convert webpages over to report using Crystal Report 2011
* Oversee the technologies, tools and techniques used within the team
* Work closely with other team leaders and development teams when necessary to create additional software that is cohesive.
* Ensure that projects are accurately estimated and delivered to schedule
* Ensure that all software developed within the team satisfies the business requirements as specified.
* Design software solutions based upon SDD's (Software Design Description) and perform bug fixes as recorded in HPALM defect Management system.
* Maintain and update application to improve application performance and new functionalities increasing capacity of the application
* Developing comprehensive documentation, flow chart, layout, diagrams, charts, and code comment.

**Software Programmer**

UNC Health Care - Chapel Hill, NC

August 2010 to Dec 2014

* Involved in preparation of User Interface Specification document.
* Designed and developed User Interface for Patient Admission and Patient History, using C#.Net & ADO. Net on .NET 2.0 framework.
* The application was developed on the 3 tier architecture.
* Designed and developed User Interface for Creating and Monitoring the Prescriptions.
* Designed and developed User Interface for Patient Billing and Collections.
* Developed using database queries and Stored Procedures on SQL Server.
* Designed and developed a Presentation layer, Business logic and Data layer for Patient, Provider and Validation List Item Lookup claims using ASP.NET 2.0, C# and SQL Server database.
* Created reports using crystal reporting or SSRS (Sql Server Reporting Services)
* Developed and consumed the Web Services for Insurance Verification.
* Configured the Form-Authentication features
* Used several Validation controls provided by the .Net framework
* Tested the application in the testing servers.
* Fixed all the issues provided by the end users.

Education



**BS in Computer Science 2014**

Norfolk State University - Norfolk, VA

Skills



* Software Development
* Solution Deployment
* Coding & Scripting
* GUI Design
* Requirements Definition
* Debugging & Troubleshooting
* Testing & Documentation
* User Training & Support

Certifications and Licenses



**Security+ Certification**

October 2020

**Top Secret (TS/SCI w/ Polygraph) Security Clearance**

May 2020

**DEA Security Clearance**

July 2019

**Secret Security Clearance**

June 2015

Additional Information



TECHNICAL SKILLS

Tools:

MS Visual Studio (2015 2017), Toad (Oracle), HPALM (Defect Management), SQL Tracker, Xcode5, VDI, Citrix, Crystal Report, Git and GitHub, Microsoft (Words, Excel, PowerPoint), Sublime, Linux Command, PuTTy, PowerShell, Bootstrap, Microsoft Azure

Database Management:

Oracle Database 11.x/12.x, SQL Server 08, MySQL

Languages:

JavaScript(Angular, React, Knockout), XML, C++, C#, C, HTML, HTML5, PHP, Python, Object C, SQL, Swift

Additional Computer Science/IT professional experience will be provided upon request.