**Rodney Womack**

**Experience**

Strong understanding of .NET/Node and its core concepts, such as components, state management, and lifecycle methods. Able to build reusable and efficient components, Knowledge of .NET/Node.js is essential for integrating them with backend APIs/services. Experience in using .NET/Node.js to develop services and manage server-side data, Experience in working with RESTful APIs is important for, Able to build API’s, handle responses, and manage data flow between the frontend and backend, Knowledge of testing frameworks like Junit or Nunit for writing unit tests and ensure the quality of the code. Skilled in debugging and troubleshooting issues, Experience with implementing Authentication and Authorization.

**Summary**

* Agile Application Development/Maintenance
* Data analysis – conversion - governance
* CI/CD Pipelines - Code migration
* Scripting automation
* Cyber Security Implementation
* Website/Dashboard Reporting
* SOA

**Skills**

**Software/Environment:**

IBM DB2 (LUW), Oracle 10G, SQL Server, MySQL, PostgreSQL, NodeJS, NUnit, MongoDB, DOS/WScript/CScript, VPN, Citrix, VM Ware, Active Directory, Entity Framework

PowerShell, OSX, Blackberry, IOS, UML, XML, MS InfoPath, MS SharePoint Designer, Jscript/JavaScript/JQuery, Unified Communication (UC), GIT SCM

**System Software/SDLC Tools:**

[RT Ticket Tracking System], [OCTANE], [SOAP WebAPI], [SCCM], REST API, BarScan, Active Directory [ADFS], Remedy - Service NOW (S.N.O.W.), Swagger Configuration

**Programming Language/IDE/Tools:**

Angular, Vue, React, Node.js, .NET 8.0 (C#, VB), Python, VB6, VBScript, MS Office Suite Apps (VBA, VSTO), Sublime Text, ADO/DAO, RPG, COBOL, ASSEMBLY, FoxPro

**EDUCATION:**

University of Phoenix (BS Information Technology)  **2012**

**Professional Experience:**

**T&H Consulting/Deloitte                                                                                                 Oct 2022- Present**

**Maryland Department of Transportation, Hanover, MD**

**Lead Angular .NET Software Developer**

**Mainframe Migration to Windows (.NET) Environment.** 

* Full stack development (production support) using Angular, Node.js, and .NET on a contract compliance system used by end client compliance officers.
* Provide back-end layer support using C# and .NET Core to build components connecting to Oracle databases
* Use Oracle utilities (SQL, MySQL, SQL Loader, PostgreSQL)
* Build Management – using GIT, AZURE DevOps
* Source Code Management [.NET8]
* CI/CD to manage repositories/track changes.
* clone existing repositories
* Tracking & Reviewing Changes
* Compare file versions to see what changed.
* Forking repositories
* Manage PostgreSQL to implement a persistent collection across requests.
* These unique data types and transactions are stored in PostgreSQL and managed for session state, logging, testing, and performance.
* Schedule/prioritize commits
* Manage merge Requests/review changes before adding them to the main codebase.
* Develop and maintain RESTful APIs/Web services using GIT and Azure Pipelines
* Edit and maintain COBOL, CICS, and JCL programs using flat files, index files, and Oracle DB2 in Windows .NET\Innowake COBOL environment
* Create, edit, and maintain batch job schedules and processes
* Development and Administrative support of overnight batch operations
* Implemented code migration, data conversion, enhancements, and testing as needed
* Provide test documentation and SOPs.

**WiPro Tech [Astra Zeneca], Wilmington, DE                                                         Feb 2020 – Mar 2022**

**C# ASP.NET/Windows Desktop/Script Developer**

**Build Migration**

* Create custom QA testing software (.NET/Windows Forms)
* Create custom QA testing software (.NET/Windows Forms)
* API data migration scripts (PowerShell/VBScript/CScript/VBA/WScript)
* Registry modification (PowerShell/VBScript)
* Create and debug build/migration scripts (PowerShell/VBScript/SQL)
* Deploy ClickOnce desktop applications/add-ins (.NET)
* SCCM Batch Scripting (PowerShell/VBScript)
* AD maintenance (PowerShell/VBScript)

**User Interface Design (UI)**

* Visual Studio IDE 2019
* Create custom Modules/UI for Remedy Ticketing Systems (VBScript/HTA)
* Create custom Healthcare Systems UI for Service NOW (S.N.O.W.) Ticketing Systems (HTA Forms)
* Create custom browser automation tools (PowerShell, VBScript, XML, SQL Server, Oracle, VBA, HTA)
* Create and deploy COM add-ins that bind Excel/Access/Outlook forms to SQL Server/JET databases
* Create asset management UI integrating BarScan, Active Directory, Exchange Server, SQL Server (PowerShell/VBScript/XML)

**Oracle Integration**

TOAD/ORACLE Server Database

**SQL Server Integration Services (SSIS)**

* Access/SQL Server Database UI created (VBScript/VBA/SQL automation)
* Create workflow packages/standalone app to manage ETL process
* Create/Invoke stored procedures using (VBScript/ADO)

**.NET/SharePoint Maintenance/ Development**

* Visual Studio IDE
* Custom SharePoint Site integration
* (SharePoint Designer/VSTO/VBA/XML/SQL Server/VBScript)
* Create BI dashboards (SharePoint/Access/XML/InfoPath)
* Generate SharePoint Reports from Excel spreadsheets using VSTO/VB.NET
* Create/convert custom type libraries (COM) to VSTO solutions using VB.NET
* Migrate unmanaged code (type libraries) to managed .NET solutions using VSTO

**Alpha Omega Integration, Vienna, VA                                                                          Jan 2020- 2021**

**Senior System Engineer**

**React (Node) Environment.** 

* Provided full stack development support on the iPDF software tool to enable administrators to create custom input forms and output them to PDF without the need to code.
* Depending on the project and requirements React or VUE JS used to automate build of HTML template forms. Leverage the built-in two-way data binding, which automatically syncs data between the model and the view.
* Backend and implemented with AWS CI/CD Pipeline, EC2-Docker, MongoDB, Python
* JEST Automation Testing

**Department of Energy, Germantown, MD**

**CFO Payroll Support Lead Software Engineer**

**Mainframe Migration to Windows (.NET) Environment.** 

* Provide support to the CFO office by developing and or maintaining:
* DOS batch files
* PowerShell scripts
* .NET C# executable programs
* Administer Oracle databases and associated Oracle utilities (SQL \*Plus, SQL \*Loader)
* Develop and maintained SQL Server stored procs and ETL Scripts
* Create, edit, and maintain Microfocus COBOL programs using flat files, index files, MySQL, and SQL Server in Windows .NET\Visual COBOL environment
* Create, edit, and maintain batch job schedules and processes
* Monitor day-to-day operations for successful execution and provide analysis and corrective actions to address issues as encountered.
* Provide System Design, Code migration, data conversion, and enhancements as needed
* Document SOPs and requirements.

**DHS (DC DEPARTMENT OF HUMAN SERVICES)**  **Oct 2017- Oct 2018**

**SENIOR APPLICATION DEVELOPER**

Application Support Division I (ASD I) of the Office of Information Systems (OIS) In Direct Support of the TANF 2.0 Catch Application Redesign.

* Interact with OIS business analysts, management, and customers
* Design, develop, and deploy applications that support users on the
* CATCH application (case and program management) and other businesses aligned its services.
* Create and maintain dashboard and ad-hoc reports on-demand using SSRS and RDLC formats
* Resolve defects In JIRA, SDLC and develop enhancements of various applications using various application platforms/technologies (client-server/web-based/cloud-based/mobile Software Applications, NET/ASP/Visual C#, JavaScript, XML, Entity Framework, JQuery, T-SQL, HTML.

**CSRA (2) federal government projects  Jul 2016- Oct 2017**

**Department of Homeland Security/USSS, Washington, DC**

**Senior Software Engineer**

**Cyber Security Code Configuration and Implementation**

* Perform analysis, design, development, testing, and debugging of computer software ranging from operating system architecture integration and software design
* Design, code, test, develop, and document client application systems.
* Update legacy applications to comply with identity, authentication, authorization, credential, and access management (ICAM) architecture.
* Provide code and configuration to enable applications for full use of PIV user client certificate credential authentication (in accordance with federal government OMB M-11-11 FISMA High Systems requirements).
* Provide cyber security solutions for applications using Windows Identity Framework/ Kerberos/SAML according to OASIS Standard specification.
* Bring applications into compliance of LO4 requirements according to NIST SP 800-63-62.
* Implement two-factor authentication solutions using PIV/CAC card
* Configure COTS products, Oracle/Jenkins/Tomcat/IIS web applications, and WebAPI (SAML, SOAP) services for FICAM compliance using Angular, .NET technologies (AMA, IIS, ADFS, and Kerberos) code and configuration.

**SDLC Implementation**

* Led stake-holder interviews and product owner meetings to define software requirements and establish project standards and processes.
* Collaborate with DBAs, SAs, BAs to break down software requirements, define system scope, establish objectives and baselines.
* Develop design artifacts and execute test plans.
* Review application architecture and make cyber security compliance review and recommendations.

**Reporting**

* Prepared reports, briefings for client meetings
* Create TFS custom report code modules to generate project analysis reports.

**NHHS/CDC/Division of Vital Statistics, Hyattsville, MD                                            Jul 2015- Jul 2016**

**ASP.NET/Angular/C#.NET/TSQL Developer/Oracle**

* participate in JAD sessions with client to scope, gather, plan, and execute requirements for data development projects, implementing Enterprise Performance Life Cycle (EPLC/SDLC) Framework
* contribute to system design and documentation
* manage source code control in Team Foundation Server (TFS)
* design, develop, test, and deploy
* Healthcare website system/components
* stored procs [TSQL]
* database scripts
* Visual Studio 2008 - 2015 IDE
* TOAD
* .NET codebase
* VSTO solutions
* unit, system, and regression testing using Microsoft Unit Testing Framework, NUnit, JUnit
* build, tune, and maintain SSIS packages
* develop and maintain SSIS packages
* design custom C#.NET script tasks

**Gannett Inc., Tysons Corner, VA                                                                                    Mar 2015 – Jul 2015**

**C#.NET/SQL Developer/Programmer Analyst**

* Maintain intranet website/SharePoint/dashboards
* Maintain, develop, test and document programs, DTS/SSIS package to build an analytical database environment.
* Design and implement telemarketing projects from concept to completion.
* Build, develop, test and document ETL scripts to streamline the extraction and analysis in the telemarketing database.
* Resolve Ad-Hoc SSIS/Website maintenance requests

**Digital Solutions & Technology/SDSE Inc.                                                               Dec 2007 – May 2011**

**Department of Energy Enterprise Training Services, Washington, DC**

**Programmer Analyst**

**Scripting**

* Developed custom automation tools (HTA/VBScript)
* Created custom persistence engine library (VBScript, XML, Access JET)
* Converted VBA code to VSTO add-ins

**Content Management Systems Dev. Support**

* Visual Studio 2010 IDE
* Created HTA UI for Outlook/Excel Reports (VBScript/VBA/XML)
* Department of Energy Online Learning Center website development/maintenance
* Debug Department of Energy Online Learning Center online course web apps
* Configured AD Group Policy/system access roles and procedures
* (Dept. of Energy OLC 100k user base)

**Analysis/Forecasting/Reporting**

* Generated quarterly curriculum reports/projections
* (Excel/Access JET/ADO/DAO/VBScript)
* Generated content use reports
* Collected/generated user feedback reports

**Leadership/Customer Interaction/Feedback**

* Team lead to corporate training specialists
* Hosted CMS training
* Build and deployed feedback custom form application in MS Outlook
* Participated in a visual object design model based on stakeholder interviews.
* Contributed to requirements document (SOP) based on the object model and policy requirements.
* Hosted weekly training/feedback round-table sessions, including active field administrators.
* Balanced workload/delegated responsibility by actively involving administrators in decision-making.
* Responded to changing requirements and navigated short-term goals based on user feedback, budget, and resource constraints.
* Assisted with implementing iterative version control and software migration plans
* Participated in milestone reviews and iterative sessions of negotiating expectations.
* Made timely deliveries on commitments.
* Provided scheduled subscription-based distribution of deliverables/analysis charts/and progress reports.

**SSMDG, Washington, DC**  **2011 – 2013**

**Programmer/Consultant**

* Provided dev./data various support services to multiple clients
* (Project management, marketing/advertising, accounts management, contract /compliance) using OTS software/VBA/VBScript
* Created asset tracking tools (PowerShell/VBScript/Access JET).
* Web services integration/app configuration/ payment gateway customization
* Email scripting (VBA), SMS
* WebDAV, IMAP/POP support (VBScript)

**American-Investments-Washington, DC                                                                                                                 2008 - 2009**

**Programmer/Consultant**

* Authored website scraping/data parsing automation tools to process and register
* 1 million+ user records monthly (VBA/VBScript/Excel/Access JET/ADO/DAO/SQL)
* Designed, implemented, and maintained a relational database to manage data
* Generate weekly reports/mailings.

**American Red Cross, Clinton, Maryland                                                                                                                   2006 - 2008**

**MSOffice Software Training/Consultant**

* Software instructor to mentally challenged individuals

**EEG Inc., Washington, DC                                                                                                                                             1996 - 2005**

**Programmer Analyst/Consultant**

* Managed Data Collection/Archival, maintained LAN
* Generated weekly reports to the upper tier
* Desktop support (XP/Vista/MAC OS) for organization (50-100 users)
* Supervised Evening NOC operations of server/80+ nodes (Windows 2003 Server)