Rodney Womack

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Citizenship: United States

Clearance Level: Interim – Secret (expired)

# Education

Associates – Information Technology

University of Phoenix, Phoenix, AZ

Graduate: 2012

# Work Experience

## Lead Software/Data Engineer

T&H Consulting / Deloitte – Maryland Department of Transportation (MDOT)

Baltimore, MD | 40 hrs/week | May 2022 – Present

* Led migration from legacy mainframes to Windows-based .NET and PostgreSQL platforms.
* Developed scalable RESTful APIs using .NET Core and Node.js.
* Built ETL pipelines using SSIS, SQL, and Python to centralize compliance and transportation data.
* Designed PostgreSQL storage for session management and audit logging.
* Implemented CI/CD pipelines in Azure DevOps, managing Git-based deployments.
* Maintained role-based access control (RBAC) and ensured cybersecurity compliance with FICAM.

## Senior Software Engineer (Cybersecurity & Data Compliance)

Department of Homeland Security – U.S. Secret Service

Washington, DC | 40 hrs/week | Jan 2016 – Jan 2017

* Developed secure authentication systems using PIV/CAC, SAML, and Kerberos.
* Hardened Oracle and SQL Server systems with encryption and access control.
* Implemented ICAM security standards, aligned with NIST 800-53/FISMA High requirements.
* Deployed IAM-based WebAPI services (SOAP/REST).
* Authored PowerShell automation for compliance scanning and forensic logging.

## Senior Data Engineer

Centers for Disease Control and Prevention – National Health Statistics Center

Atlanta, GA | 40 hrs/week | Mar 2015 – Nov 2016

* Developed SSIS and Python ETL workflows for public health datasets.
* Built a centralized data warehouse for national healthcare analytics.
* Designed Tableau dashboards for real-time trend reporting.
* Authored SQL procedures and Python scripts for predictive disease modeling.

## Data Engineering Specialist

Department of Energy – CFO Payroll Division

Washington, DC | 40 hrs/week | Feb 2018 – Dec 2020

* Created ETL pipelines using SSIS and SQL Server for payroll analytics.
* Integrated Oracle-based financial data systems with BI dashboards (Power BI).
* Automated transformation and reconciliation scripts using Python.
* Ensured compliance with DOE financial audit policies.

## Senior Application Developer – TANF 2.0

DC Department of Human Services

Washington, DC | 40 hrs/week | Feb 2017 – Feb 2018

* Built SSRS dashboards for TANF case management.
* Optimized .NET APIs and database performance for program eligibility systems.
* Developed data integration modules and transactional logic using T-SQL and Entity Framework.

## C#.NET / SQL Developer

Gannett Inc.

McLean, VA | 40 hrs/week | Jan 2015 – Dec 2015

* Created SSIS pipelines to streamline telemarketing campaign data.
* Authored SQL-based analytics for consumer behavior trends.

## Data Automation Engineer

WiPro Technologies – AstraZeneca

Gaithersburg, MD | 40 hrs/week | Jan 2012 – Dec 2015

* Automated data migration tasks using VBScript and PowerShell.
* Developed deployment scripts for enterprise system rollouts.
* Created Remedy and ServiceNow UI integrations.

## Programmer Analyst – Enterprise Training

Digital Solutions & Technology – Department of Energy

Washington, DC | 40 hrs/week | Jan 2007 – Dec 2011

* Managed DOE’s Learning Center LMS.
* Developed training dashboards and XML-driven HTA forms.
* Automated curriculum reporting and regulatory tracking.

## Programmer/Consultant

SSMDG / American-Investments

Remote | 40 hrs/week | Jan 2005 – Dec 2017

* Built web scraping tools and custom Access applications.
* Designed inventory systems and asset management reports.

## Software Trainer

American Red Cross

Washington, DC | 40 hrs/week | Jan 2006 – Dec 2008

* Provided technical training for Microsoft Office tools to internal departments.

## LAN Programmer Analyst

EEG Inc.

Washington, DC | 40 hrs/week | Jan 1996 – Dec 2005

* Supported LAN infrastructure, diagnostics, and nightly reporting.
* Managed NOC tasks and data aggregation tools for federal projects.