Rodney Womack (Senior Shell Scripting & Data Systems Engineer)

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Citizenship: United States

Clearance Level: Interim – Secret (expired)

## Education

Associates – Information Technology

University of Phoenix, Phoenix, AZ

Graduated: 2012

## Professional Summary

Experienced Systems Engineer and Data Administrator with 15+ years managing large-scale data environments, automating workflows using shell scripting (Bash, PowerShell, VBScript), and building scalable ETL pipelines. Demonstrated expertise in secure data operations, Linux/Windows administration, and legacy-to-modern platform migrations. Skilled in PostgreSQL, SQL Server, Oracle, and DevOps scripting with deep federal and private sector experience.

## Core Competencies

• Shell Scripting (Bash, PowerShell, VBScript)

• Data Administration (SQL Server, PostgreSQL, Oracle)

• ETL Development (SSIS, Python, SQL)

• Infrastructure Automation

• Secure File Transfers, Cron Jobs, Logging Systems

• System Hardening, IAM, FICAM Compliance

• DevOps / CI-CD (Azure DevOps, Git, YAML)

• Cross-platform Data Migration

## Work Experience

Lead Software/Data Engineer – T&H Consulting / Deloitte – MDOT – Baltimore, MD (May 2022 – Present)

• Led modernization of data systems from mainframes to .NET/PostgreSQL.

• Automated deployment scripts and data loading tasks using PowerShell and SQL.

• Maintained audit logs and cron-based schedulers for data pipeline execution.

• Implemented GitOps-based CI/CD with secure RBAC access.

Senior Software Engineer – U.S. Secret Service – DHS – Washington, DC (Jan 2016 – Jan 2017)

• Created PowerShell scripts for auditing and forensic log collection.

• Hardened Oracle DBs and WebAPI endpoints per FISMA/NIST.

• Deployed secure data exchange interfaces (SAML, SOAP/REST).

Data Engineering Specialist – DOE – CFO Payroll Division – Washington, DC (Feb 2018 – Dec 2020)

• Designed automated data reconciliation scripts in Python and T-SQL.

• Managed ETL pipelines for payroll and finance data using SSIS.

• Integrated Oracle datasets into Power BI dashboards.

Senior Data Engineer – CDC – NHSC – Atlanta, GA (Mar 2015 – Nov 2016)

• Built Linux cron jobs to extract healthcare datasets.

• Wrote Python/SQL data processing scripts and secured access layers.

• Maintained and scheduled SSIS jobs across multiple data marts.

Senior Application Developer – TANF 2.0 – DHS – Washington, DC (Feb 2017 – Feb 2018)

• Built T-SQL triggers and data integrity routines.

• Automated SSRS report refreshes via PowerShell.

• Supported .NET middleware for transactional eligibility checks.

C#.NET / SQL Developer – Gannett Inc. – McLean, VA (Jan 2015 – Dec 2015)

• Wrote shell jobs to clean and import bulk CSV data into SQL Server.

• Delivered ad-hoc campaign analytics using parameterized SQL queries.

Data Automation Engineer – WiPro Technologies – AstraZeneca – Gaithersburg, MD (Jan 2012 – Dec 2015)

• Built PowerShell and VBScript automations for patching and data migration.

• Developed shell-based backups and triggered file watchers for data syncs.

Programmer Analyst – Enterprise Training – DST – DOE – Washington, DC (Jan 2007 – Dec 2011)

• Wrote XML and HTA-based automation scripts for training data tracking.

• Automated monthly reporting using Windows Task Scheduler.

LAN Programmer Analyst – EEG Inc. – Washington, DC (Jan 1996 – Dec 2005)

• Managed data scripts for NOC daily logs.

• Scheduled batch jobs and shell processes for diagnostics and updates.

## Technical Skills

• Scripting: PowerShell, Bash, VBScript, Python

• Databases: SQL Server, PostgreSQL, Oracle

• ETL Tools: SSIS, Custom Python Pipelines

• Monitoring: Cron, Task Scheduler, Event Viewer, Logrotate

• Cloud/DevOps: Azure DevOps, GitHub, CI/CD, YAML

• Security: FICAM, NIST 800-53, IAM, RBAC

• Visualization: Power BI, Tableau, SSRS