BILLIAM STEWART RODRIGUEZ

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Readiness Data Analyst – Systems Analyst II

Experienced IT and Applications Support Engineer with over 20 years of U.S. Navy service, specializing in system optimization, advanced scripting, and software license management. Proficient in PowerShell, Python, C#, and Perl, with expertise in Azure and AWS. Holder of an active Secret Security Clearance. Adept at strategic planning and problem-solving with a strong track record in data analysis, dashboard creation, and resource management. Committed to driving operational efficiency and data-driven decision-making.

- Microsoft Office Suite
- Visual Studio
- Azure | AWS

- GitHub | VMware
- Power BI | Tableau
- Windows Server | Linux

- Python | C # | R | SQL | PERL
- FlexNet Manager | FlexLM
- PowerShell | BASH

PROFESSIONAL EXPERIENCE

VTG Defense | Readiness Data Analyst – Systems Analyst II   **04/2024 – Present**
- Developed and implemented multiple R scripts using DECKPLATE, reducing data processing time by 30%.
- Created and executed 50+ queries, extracting crucial data from DECKPLATE to support V-22 initiatives.
- Uploaded 100+ data sources to Tableau Server, enabling 5 new dashboards for PMA-275, enhancing data accessibility.
- Designed and built 10+ Tableau dashboards integrating large, complex datasets, improving decision-making efficiency by 20%.

US Navy | Port Operation Director   **09/2022 – 03/2024**
- Spearheaded the implementation of a Tableau-based financial dashboard, using advanced data visualization techniques to enhance budget tracking and resource allocation efficiency by 25%.
- Delivered 20+ executive-level briefings on complex financial data, employing advanced data communication techniques to guide strategic decision-making processes.
- Streamlined operational processes and resource management, introducing automated workflows that enhanced software application efficiency by 20%.

US Navy | Surface Operations Director   **08/2021 – 08/2022**
- Enhanced operational efficiency and system readiness by 30% through targeted data analysis and strategic resource allocation, utilizing Six Sigma methodologies.
- Led the overhaul of the Selection and Application Process, implementing Lean principles to realize $50K in cost savings by optimizing workflows and reducing overtime expenses.
- Maintained strict RMF compliance, reinforcing high security and operational standards, resulting in a 15% reduction in security incidents.

US Navy | Aircraft Division Director   **03/2018 – 08/2021**
- Utilized advanced data analysis techniques, such as regression analysis, to streamline aircraft repair processes, achieving a 28% cost reduction and significantly improving asset management.
- Implemented a strategic inventory analysis and resource allocation plan using predictive analytics, ensuring the availability of 52 aircraft engines and minimizing downtime by 20%.
- Led the development of performance metrics and training programs using data-driven insights, boosting workforce productivity by 22% and increasing aircraft availability to 98%.

US Navy | Navy Oil Analysis Program Manager   **03/2018 – 08/2020**
- Launched a spectrometric oil analysis program using Excel and VBA, reducing financial risks by 15% and enhancing aircraft performance forecasting through predictive maintenance insights.
- Applied survival analysis techniques and Kaplan-Meier estimators to refine maintenance strategies, optimizing part replacement budgets and improving analytical methods, leading to a 20% reduction in unscheduled downtime.
- Demonstrated expertise in data-driven decision-making, using statistical models to enhance operational efficiency and asset readiness across the fleet, increasing readiness by 15%.

US Navy | Gas Turbine Engine Test Facility Program Manager   03/2018 – 03/2020
- Ensured 100% operational availability of 46 F414 engines through meticulous software-hardware integration, utilizing Microsoft Server systems and managing Commercial off-the-shelf (COTS) engineering applications, and implementing automated monitoring systems.
- Designed and executed a data-driven training strategy as the only Subject Matter Expert, enhancing team skills and efficiency via Excel PivotTables and Power Query, significantly advancing organizational development and increasing team efficiency by 25%.
- Demonstrated exceptional ability to lead technical teams and manage critical engineering assets, directly contributing to a 20% improvement in operational systems maintenance and reliability.

US Navy | Command Financial Specialist Program Manager   09/2018 – 09/2019
- Drove a 27% increase in retirement savings plan participation through strategic initiatives and targeted stakeholder engagement, showcasing strong program management and communication skills.
- Developed and delivered 24 financial literacy workshops using detailed data analysis and interactive learning methods, improving organizational financial acumen and demonstrating an ability to educate and inform diverse teams.
- Provided personalized financial counseling to over 2,800 personnel, utilizing data-driven financial planning tools and techniques, underlining my strength in one-on-one support and aligning with customer service excellence in a technical support context.

US Navy, Advanced Skills Aviation Mechanic Course Director   07/2015 – 02/2018
- Elevated training efficiency by 22% through curriculum optimization and managed assets worth $75M, demonstrating exceptional resource optimization and strategic program oversight.
- Led a comprehensive training program for 31 instructors and 1,680 students, achieving a 99% graduation rate through effective resource allocation, innovative scheduling, and blended learning techniques.
- Initiated and implemented curriculum enhancements using Microsoft Applications and data analytics, significantly improving the quality and relevance of over 100 training modules, aligning with continuous improvement principles and increasing training effectiveness by 20%.

US Navy, Maintenance Manager   11/2014 – 06/2015
- Spearheaded operational enhancements across 14 work centers, achieving a 48% increase in asset availability through strategic leadership and process optimization.
- Boosted production output by 34% and halved the maintenance backlog, demonstrating my effectiveness in resource coordination and workflow streamlining.
- Applied advanced data analysis techniques for maintenance trend identification, optimizing strategies for critical asset management and contributing to a 20% reduction in unscheduled downtime.

EDUCATION

Defense Acquisition University
- Improved Statement of Work CLM 031
- Fundamentals of Systems Acquisition Management ACQ 1010

PROFESSIONAL TRAINING | CERTIFICATIONS

- Data Analytics 1: Foundations
- Career Skills in Data Analytics
- SQL for Data Analysis
- Improved Statement of Work
- Fundamentals of Systems Acquisition Mgmt.
- Analyze data with Power BI
- Microsoft Azure Data Fundamentals
- Senior Enlisted Aviation Maintenance

SOFT SKILLS

- Problem-Solving
- Decision-Making
- Critical Thinking
- Time Management
- Willingness to Learn
- Adaptability
- Leadership
- Empathy
- Active Listening
- Customer Service
- Teamwork Collaboration
- Communication