JESSICA ROSIER
Security Clearance: TS/SCI

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SUMMARY
Results-driven software engineer and systems administrator with 10+ years of combined experience in enterprise-level application development, systems engineering, and secure communications for defense and private-sector environments. Adept at leading technical teams, architecting scalable systems, and developing innovative full-stack applications that improve performance, security, and user experience.

TECHNICAL SKILLS
Languages & Frameworks: Java, Spring Boot, Spring MVC, Hibernate, J2EE, REST APIs, JavaScript, jQuery, Bootstrap, HTML, CSS, Thymeleaf
Dev Tools & Platforms: Git, SVN, Maven, Apache Tomcat, MySQL, JUnit, Kanban, JIRA, Confluence
Systems & Cloud: VMware ESXi/vCenter, Active Directory, RHEL, Windows Server, AWS, Azure

EDUCATION
B.S. Information Technology – *Western Governors University*

CERTIFICATIONS
CompTIA Security +, CompTIA Network+ , CompTIA Cloud +, CompTIA Server+, AWS Certified Cloud Practitioner,

Microsoft Certified Azure Fundamentals

EXPERIENCE
453rd Electronic Warfare Wing   April 2024 – Present
Node Web Applications Developer
- Designed and developed a Node.js-based web platform supporting crowdsourced flight analysis for Electronic Warfare (EW) missions.
- Built RESTful APIs and microservices that ingested, parsed, and transformed raw EW flight data into structured, analyst-ready formats using Express.js and Python data processing scripts.
- Created dynamic front-end dashboards enabling EW analysts to visualize flight telemetry, radar signatures, and frequency bands in near-real time.
- Collaborated with Air Force data scientists and analysts to optimize ingestion pipelines and improve analytic throughput by 35%.
- Ensured all code met DoD cybersecurity and STIG compliance standards, implementing secure authentication and role-based access controls.
- Contributed to the system's transition toward a cloud-native deployment architecture leveraging Docker and AWS GovCloud environments.

GPM Life Insurance   Jan 2024 – April 2024
Java Web Applications Developer
- Maintains multiple full-stack Java applications using Spring MVC, Hibernate, SQL, JavaScript, and Bootstrap.
- Designed and implemented REST APIs and integrated Authorize.net for secure online payments, improving transaction reliability and customer satisfaction.
- Developed a dynamic Java-based reporting suite generating PDF and Excel outputs via Apache POI and iText libraries—reducing manual reporting time by 60%.
- Manages code versioning and collaborative development using SVN for version control and deployment workflow optimization.

U.S Navy - Naval Special Warfare Group 8 – Africa (Deployed)   Jun 2022 - Jun 2023
Tactical Communications Manager

- Directed all tactical communications during a 6-month combat deployment; managed $1.2M in secure communication assets.
- Ensured 100% operational readiness of 7 SATCOM units, 15 handheld radios, and 32 crypto devices with zero data compromise.
- Developed and executed field-level COMMS SOPs that enhanced mission continuity and information assurance under austere conditions.

IAPWS – Norfolk, VA   Oct 2021 - May 2022
Senior Systems Administrator

- Managed 500+ virtual servers across SIPR and CENTRIXS enclaves, optimized system uptime and resource utilization.
- Authored PowerShell and batch automation scripts, reducing manual maintenance hours by 30%.
- Led Active Directory and Group Policy configuration to align with DoD cybersecurity compliance standards.
- Provided Tier III support for enterprise applications and collaborated on pre-deployment app testing and validation.

Novetta – Virginia Beach, VA   May 2021 - Oct 2021
Field Service Engineer

- Delivered system administration and engineering support for deployed mission-critical servers supporting Naval Special Warfare.
- Maintained RHEL and 3rd-party application updates, ensuring continuous multicast data stream availability.
- Provided technical instruction to operators on COP management, FMV exploitation, and imagery analysis tools.

U.S. Navy   Jan 2018 - May 2021
Senior Systems Administrator

- Managed a team of 12 responsible for conducting 250 hours of weekly network maintenance, which included reviewing SIEM events, monitoring daily backups, assessing antivirus status, evaluating storage capacity, and overseeing network performance.
- Effectively provided training to 18 system administrators, ensuring proficiency in network maintenance procedures, which directly contributed to a 98% uptime for 6 tactical network enclaves.
- Familiar with virtualization technologies and configuring, managing, and maintaining VMware ESX servers. Proficient in tasks such as patch management and performing hardware health checks to ensure the reliable and continuous operation of virtual assets, promoting high availability and uptime.

U.S. Navy   Apr 2013 - Dec 2018
Systems Administrator/ Communications Support Technician

- Maintained a LAN consisting of 10 Solaris blade servers and 4 HP DL380s running ESXi, 2 EMC VNXe3200 data storage systems, 8 Cisco routers, 12 Cisco switches, 40 virtual servers, and 100 client workstations. Virtual servers were responsible for maintaining various critical functions, including Active Directory Domain Services (AD DS), Domain Name System (DNS), Dynamic Host Configuration Protocol (DHCP), web hosting, mail exchange, FTP services, Network Time Protocol (NTP) synchronization, Windows deployment services, print services, and SQL databases.
- Regularly performed administrative tasks using VMware ESX, vSphere, and vCenter. Utilized vCenter to manage host resources / virtual machine resource allocation (CPU, memory, hard disk, etc.) and perform routine virtual server maintenance.