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ROBERT L. MAJOR

Professional Summary

Experienced technology professional with over 20 years of expertise in automation, scripting, tooling, UNIX/Linux, cloud technologies, and modern enterprise systems. Actively seeking a role as a DevOps Engineer, Systems Engineer, or in a related discipline to apply skills in DevOps and modern enterprise technologies. Adapts swiftly to new systems and environments, driven by a commitment to lifelong learning and knowledge sharing. Excels in collaborative team settings, with a strong eagerness to contribute and broaden skills. Portfolio available for further details on work. Available immediately.

Work History

Wells Fargo - Senior Systems Engineer

01/2007 - Current

- **Optimized Cloud Deployments:** Developed Terraform modules for Azure services like Cognitive Services, Machine Learning, AI Chat, AI Search, Synapse Analytics, Logic Apps, and Application Server Environment (ASE), significantly improving deployment efficiency
- **Enhanced Code Quality:** Led code reviews, ensuring adherence to best practices and internal policies, reducing bugs and improving overall code quality
- **Improved Documentation:** Created and maintained comprehensive documentation for modules and procedures, facilitating smoother onboarding and knowledge transfer
- **Fostered Collaboration:** Participated in and led working sessions with engineers, promoting innovation and team cohesion
- **Designed Automation System:** Created an Ansible-based automation system to configure and build custom internal RPM packages, leading to a significant reduction in packaging time
- **Managed RPM Repository:** Implemented and maintained an internal YUM RPM repository for remote Linux patching, decreasing update deployment times and enhancing system reliability
- **Managed Linux Clusters:** Oversaw internal Linux clusters for enterprise web applications, improving load balancing and capacity planning, enhancing system uptime
- **Streamlined Kafka Management:** Developed a Kafka environment management tool using Ansible workflows, automating server

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Skills

- UNIX/Linux/Solaris/AIX/HPUX
- Windows
- MacOS
- Azure
- Google Cloud Platform (GCP)
- Terraform
- Terraform Enterprise
- Ansible
- Docker
- Kubernetes
- Nginx
- Virtualization Technologies
- Python
- Perl
- PHP
- Java
- JavaScript

management and SSL certificate handling, resulting in a considerable reduction in manual tasks

- Innovated Hosting Platform: Key contributor in designing the enterprise Java application hosting platform and brokerage environment, increasing system reliability and scalability
- WebSphere Expertise: Managed application server and cluster configurations, performed performance tuning, and maintained SSL certificates, improving application response times
- Enhanced Documentation: Documented system configurations and troubleshooting procedures, aiding in faster issue resolution
- Led Disaster Recovery: Directed disaster recovery planning and testing, successfully reducing recovery times and ensuring business continuity
- Developed Automation Tools: Created tools for application deployment and patching, significantly reducing deployment efforts
- Optimized Networks: Conducted network troubleshooting and validation, improving data flow efficiency

TDBanknorth - IT Systems Administrator I / II

01/2005 - 01/2007

- Managed UNIX Systems: Administered numerous UNIX-based systems, including hardware builds and OS installations, increasing deployment efficiency
- Configured Clusters: Set up Linux HA clusters and Oracle RAC clusters, enhancing system availability
- Developed Monitoring Tools: Created a web-based monitoring system for IBM WebSphere MQ, reducing system downtime
- Built Management System: Developed a web-based tool for UNIX systems management, incorporating documentation, performance metrics, and capacity planning, improving system monitoring efficiency
- Planned Disaster Recovery: Participated in planning and executing disaster recovery exercises, ensuring business continuity

Hobbies and Interests

- Audio Engineering: Passionate about music production and exploring new sound technologies.
- Culinary Arts: Enthusiastic cook and baker, enjoy experimenting with and refining recipes.
- Home Automation: Exploring the latest in home automation tech, gadgets, and hardware tinkering.
- Family & Pets: Cherish spending quality time with family and spoiling our pets.
- Professional Approach: Known for a professional demeanor coupled with a light, engaging personality.
- Team Leadership: Highly motivated team player with the ability to motivate and inspire others.

- Shell scripting
- PowerShell
- HTML/CSS
- YAML
- HCL
- GitHub
- Jira
- Kafka
- Splunk
- Puppet

Education

Gorham High School

Gorham, ME

High School Diploma

Certifications

Education & Certifications

Certifications:

- Terraform Associate Certification
- Google Cloud Digital Leader Certification
- Microsoft AZ-900 Certification
- Microsoft AI-900 Certification
- Scrum Developer Certified

Training:

- Puppet Practitioner Training | Minneapolis, MN
- HP Server Automation Platform Administration | Charlotte, NC
- A+/Linux+ Certification Program | Bridge Education College, Westbrook, ME
- Solaris System Administration Courses: SA-299, SA-239, SA-119
- Gurulabs Linux Courses: GL510, GL314, GL275, GL250, GL120
- CA NetViz Advanced Administration I & II

- Continuous Improvement: Passionate about innovation and encouraging a culture of continuous improvement.

- **IBM WebSphere MQ System
Administration for AIX**