

ROBERT MAJOR

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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 DevOps Engineer or Systems Engineer role to apply comprehensive DevOps, SDLC, and cloud skills.** Proven ability to manage complex SDLC projects, enhance CI/CD pipelines, and maintain robust documentation for team knowledge sharing. Strong team player with a commitment to continuous learning and adaptability. **Available immediately.**

Skills

- **Cloud Platforms & Azure Services:** Azure (Logic Apps, Application Service Environment, Virtual Machines, Function Apps, SQL Managed Instance, Machine Learning, Language Services), Google Cloud Platform (GCP), Amazon Web Services (AWS)
- **Containerization & Orchestration:** Docker, Kubernetes, OpenShift
- **Messaging & Queueing:** IBM WebSphere MQ, RabbitMQ, Kafka, Azure Service Bus, Azure Queue Storage
- **Programming & Scripting Languages:** Python, Perl, PHP, Java, JavaScript, C, Shell scripting (Bash), PowerShell
- **APIs & Protocols:** REST APIs, SOAP
- **Monitoring & Logging:** Splunk, ELK Stack (Elasticsearch, Logstash, Kibana), Prometheus, Grafana, Foglight
- **Infrastructure as Code (IaC) & Automation:** Terraform, Terraform Enterprise, Ansible, Puppet
- **Web & Application Servers:** Nginx, Apache, WebSphere, JBoss, WebLogic, Flask
- **Virtualization & Networking:** VMware, KVM, F5 Networks (firewalls, load balancing)
- **Markup & Data Formats:** HTML, CSS, YAML, HCL, JSON
- **Version Control & CI/CD:** Git, GitHub, GitHub Actions, Bitbucket, Jenkins
- **Security & Compliance:** SSL/TLS, Application Security, DevSecOps, Disaster Recovery

- **Testing & Development Methodologies:** BDD/TDD tests, SDLC, CI/CD, Microservices, Serverless
- **Project Management & Collaboration:** Jira, Confluence, ServiceNow
- **Databases:** SQL, MySQL, PostgreSQL, MongoDB, Oracle, Oracle RAC, Informix, DB2
- **Directory Services:** Active Directory, Azure Active Directory

Work History

Senior Systems Engineer

01/2007 to Current

Wells Fargo

- **Optimized Cloud Deployments:** Developed Terraform modules for Azure services, including Cognitive Services, Machine Learning, AI Chat, AI Search, Synapse Analytics, Logic Apps, and the Application Server Environment (ASE), improving deployment efficiency and scalability for enterprise cloud projects
- **Enhanced Code Quality and Compliance:** Led code reviews, ensuring adherence to internal standards and best practices, which improved code quality, reduced bugs, and streamlined collaboration
- **Improved Documentation:** Created and maintained detailed documentation for Terraform modules, procedures, and configurations, enhancing team onboarding and knowledge sharing
- **Fostered Team Collaboration:** Actively participated in and led working sessions with engineers, encouraging innovation and team cohesion
- **Designed Automation System:** Developed an Ansible-based automation system for building and configuring custom RPM packages, reducing packaging time and improving consistency across deployments
- **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, optimizing load balancing and capacity planning for improved uptime and performance
- **Streamlined Kafka Management:** Built a Kafka environment management tool using Ansible workflows, automating server management and SSL certificate handling, and reducing manual intervention
- **Innovated Hosting Platform:** Key contributor in the design of an enterprise Java application hosting platform and brokerage environment, increasing system reliability and scalability for critical applications
- **WebSphere Expertise:** Managed application server configurations, performed performance tuning, and maintained SSL certificates, improving response times and system security
- **Enhanced Documentation:** Documented system configurations and troubleshooting procedures, supporting quicker issue resolution and efficient knowledge transfer
- **Led Disaster Recovery Planning:** Directed disaster recovery planning and testing, successfully

reducing recovery times and ensuring business continuity

- Developed Automation Tools: Built tools for application deployment, patching, and monitoring, streamlining deployment processes and reducing manual efforts
- Optimized Network Efficiency: Conducted network troubleshooting and validation, ensuring efficient data flow and reduced bottlenecks

IT Systems Administrator I / II

01/2005 to 01/2007

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

Education

High School Diploma

Gorham High School - Gorham, ME

Certifications

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

Training

- Puppet Practitioner
- HP Server Automation Platform Administration
- A+/Linux+ Certification Program
- Solaris System Administration Courses: SA-299, SA-239, SA-119
- IBM WebSphere MQ System Administration for AIX

Hobbies and Interests

- Audio Engineering: Passionate about music production and exploring new sound technologies.
- Home Automation: Engaged in home automation technologies and DIY hardware projects.
- Family & Pets: Values quality time with family and our animal friends!
- Cooking: Love exploring the world through cuisine!