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| **Parmanand Patram**  **Linux Automation**  **Multi-Cloud DevOps Engineer** | (770) 624-1231  [ppatram@gmail.com](mailto:ppatram@gmail.com)  linkedin.com/in/parmpatram |
| CAREER SUMMARY |  |
| With 24+ years of experience with Linux (RHEL/CentOS/Ubuntu) and 12 years of experience as an infrastructure engineer at SITA and more recently Delta Air Lines, I have developed and maintained a wide range of cloud and bare-metal systems running on AWS, Azure and vSphere technologies. I have vast experience automating and configuring Linux, Oracle RAC, IBM MQ and WebLogic cluster systems. I have extensive knowledge of scripting languages (BASH/Python/Perl) and IaaS/DSC tools (Terraform/CloudFormation/ARM/Ansible). Although I am very versed in technology, I’m able to effectively communicate with management and end users. Several roles in my career involved fielding Tier III escalations and conducting training sessions. | |
| Skills  **Amazon AWS; Ansible; Ansible Tower; Automation; Azure; BASH scripting; Configuration Management; Customer Communication; IaC; Infrastructure; JavaScript; Linux Security/Hardening/Compliance; Microsoft Azure; NOC monitoring; Nodejs; Orace RAC cluster database; Oracle Database; PCI/GDPR; Perl; Problem solving; Python Ansible module development; Python programming; Red Hat Linux; SELINUX; Solaris; System Administration; Systems Administration; Systems Engineering; Terraform; Tripwire; Ubuntu; VMware vSphere; Veritas Cluster Server; Veritas VXFS; Working with/leading offshore teams; git source code management; kickstart unattended installs; vCloud; vSphere Infrastructure** | |
| [Delta Air Lines - Atlanta, GA](https://www.linkedin.com/company/sita/)  Senior Azure/AWS Cloud Engineer, February 2024 – Present   * Troubleshoot issues in the Managed File Transfer process for critical data transfer. * Wrote CloudFormation templates and Ansible playbooks to automate infrastructure delivery. * Updated and managed code in GitLab repositories. * Developed docker images including a simulator to mimic the behavior programs from the Production environment. * Designed and implemented a work-around for the SFTP utility to correct a system-wide problem arising from an OS update in the SAP HR systems. * Maintain and enhance AWS CI/CD pipelines. | |
| PROFESSIONAL EXPERIENCE  Sabbatical - October 2022- Feb 2024  I took time off in October 2022 to recover from illness after which I decided to spend time with family. In that time, I obtained the Azure [AZ900](https://learn.microsoft.com/en-us/users/parmanandpatram/credentials/e667cb2f1ce0d762) and the prestigious [AZ104](https://learn.microsoft.com/api/credentials/share/en-us/ParmanandPatram/FE84229D3BC1E699) Microsoft certifications and currently pursuing the AWS Certified SysOps Administrator certification. | |
| [SITA - Atlanta, GA](https://www.linkedin.com/company/sita/)  Senior Lead Infrastructure Engineer, September 2015 – October 2022   * Experience working on short-term and long-term projects in a team. * Leader in the evaluation and implementation of new technologies (Git, Azure, Ansible, Terraform, Packer). * Application installation using CI/CD pipelines. * Automation (terraform, ansible, bash shell scripting, python). * Security audits and data compliance standard. * Create and support virtual machine templates using Hashicorp Packer. * Identify and evaluate new technologies. * Used terraform to deliver vSphere, vCloud and Azure Cloud Linux (RHEL and Ubuntu) VMs. * Pioneered the use of Git for versioning build tools. * Refactored shell scripts into ansible playbooks and modules into Ansible Tower which centralized and provided auditing of the build/management tooling. * Updated and maintained JavaScript code which provided resource usage on the vCloud Director private cloud for billing purposes running on Nodejs http server. * Managed developed workflows for VRA/VRO for infrastructure delivery. * Managed and developed code for VMware vCloud Director. * Managed and developed code for CA PAM automation tool. * Successfully created bash scripts to automate manual system builds reducing delivery times from more than a week to a few days. | |
| [SITA - Atlanta, GA](https://www.linkedin.com/company/sita/)  Infrastructure Build Engineer, January 2012 – September 2015   * System installation and configuration management. * Proposed and delivered a central server for systems management moving the access of systems to a single point. * Installed and managed FreeIPA for identity management. * Travelled to London, England for the go-live of a very critical application. * Attended Redhat Summit twice (Boston and San Francisco).   [SITA - Atlanta, GA](https://www.linkedin.com/company/sita/)  Technical Support September 2010 – January 2012   * Respond to Tier II escalations. * Troubleshooting OS issues. * Hardware troubleshooting. * Bash scripting to extend monitoring system and perform routine tasks. * Awarded the VIA (Values in Action) award eight times. * Involved in many high-profile escalated trouble tickets related to service outages and security incidents. * Conducted systems administration training class in Beijing, China | |
| [Barnhardt Manufacturing - Charlotte, NC](https://www.linkedin.com/company/barnhardt-manufacturing-co/)  Linux/Solaris/Oracle Administration, September 2009 – August 2010 – 11 months  Systems Administration (Linux and Solaris). Oracle database administration. ERP (Glovia) management. Hardware troubleshooting. System recovery. Oracle database administration. ERP (Glovia) management. Hardware troubleshooting. Wiki documentation authoring/updating.  Skills: Customer Communication · Computer Hardware Troubleshooting · Infrastructure · Solaris · Linux | |
| EDUCATION  Tallahassee Community College Tallahassee, FL  Associate in Arts, Data Processing  Graduated with a 3.9 GPA | PROFESSIONAL CERTIFICATIONS  Microsoft Azure Fundamentals [E667CB2F1CE0D762](https://learn.microsoft.com/en-us/users/parmanandpatram/credentials/e667cb2f1ce0d762)  Microsoft Certified Azure Administrator [FE84229D3BC1E699](https://learn.microsoft.com/api/credentials/share/en-us/ParmanandPatram/FE84229D3BC1E699)  MCSE  Oracle 10g Database Administrator  Solaris Certified Systems Administration |