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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 Airlines, I have developed and maintained a wide range of cloud and bare-metal systems running on 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/Azure ARM/Ansible). In additional to being very well versed in technology, I’m able to effectively communicate with technology peers, 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; Git source code management; IaC; Infrastructure; Kickstart unattended installs; Linux Security/Hardening/Compliance; Microsoft Azure; NOC monitoring; 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; vCloud; vSphere Infrastructure** | |
| PROFESSIONAL EXPERIENCE | |
| [Delta Airlines - Atlanta, GA](https://www.linkedin.com/company/sita/)  Senior Full Stack Developer, February 2024 – Present   * Led a team of 10 developers working on the Seeburger migration project. The task was to update 497 shell scripts which handle the transfer of sensitive files for the SAP HR systems. * Troubleshoot issues found in the SI environment as the Seeburger migration testing was being done. * Developed a simulator using custom-built container image to mimic the behavior of the scripts in the Production systems. This allowed the team to develop and test in an environment isolated from the live systems and each other. * Designed and implemented a work-around for the SFTP utility to correct a system-wide problem arising from an OS update. * Completed the development ahead of schedule. * Assisted SAP team by producing automated reports and utilities to streamline the migration process. | |
| 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 maintain 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. * 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. * Represented my department at 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 |