

CONTACT DETAILS

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CORE COMPETENCIES

- Multi-Cloud Infrastructure Management
- Infrastructure as Code & Automation
- CI/CD Pipeline Architecture & GitOps Transformation
- Containerization & Orchestration
- Cloud Security & Vulnerability Remediation
- Monitoring, Observability & Incident Response
- Release & Fleet Patch Management Automation with Agile Methodology
- Performance Optimization & Scalability Engineering

TECHNICAL SKILLS

- Cloud Platforms:** Oracle Cloud Infrastructure, AWS (EC2, S3, VPC, IAM), Azure DevOps, RightScale
- Automation Tools & Scripting:** Python, Bash, Shell, Groovy, Jenkins, Maven, Git, GitHub, Stash
- OS & Networking:** Linux (RHEL, Ubuntu), Operating Systems Administration, Unix, TCP/IP, DNS, DHCP, Load Balancers, Network Troubleshooting
- Identity & Access Management (IAM):** OCI Vault, AWS IAM, Azure AD, Role-Based Access Control (RBAC), Secrets Management
- Infrastructure/Configuration as Code (IaC):** Terraform, Ansible
- Containers & Orchestration:** Docker, Kubernetes

Puru Ranjan

CLOUD & DEVOPS ENGINEER

Experienced Cloud & Site Reliability Engineer with a strong foundation in multi-cloud automation, IAM governance, and performance engineering across Oracle Cloud Infrastructure, AWS, and Azure. Adept at automating infrastructure with Terraform and Ansible, integrating monitoring stacks (Prometheus, Grafana, Splunk), and driving process improvement and change management to deliver secure, compliant, and highly available enterprise systems.

PROFILE SUMMARY

- Over 6 years' experience driving automation & DevOps transformations in enterprise cloud environments including Oracle Cloud Infrastructure (OCI), AWS, and Azure.
- Senior Member Technical Staff at Oracle India Pvt. Limited, spearheading OCI Fleet Patching automation spanning multiple global regions, improving operational efficiency and reducing manual interventions.
- Expert in vulnerability remediation and cloud security compliance through AI-enabled scanning and telemetry-based proactive monitoring.
- Understanding of infrastructure scalability, CI/CD pipelines, container orchestration, & performance optimization to boost system reliability & delivery speed.
- Skilled in operating systems and network fundamentals including TCP/IP and DNS, ensuring end-to-end service reliability across cloud and hybrid infrastructures.

WORK EXPERIENCE

Senior Member Technical Staff | Oracle Cloud Infrastructure (OCI) | Oracle | April 2024 – October 2025

- Designed and automated workflows for OCI Fleet Patching across multiple global regions, reducing manual patching effort.
- Developed automation using Python, OCI SDK cron jobs, and Terraform infrastructure as code, streamlining deployments and configuration management.
- Configured and maintained OCI Telemetry Alarms to monitor service health, patch KPIs, and downstream dependencies for improved production reliability.
- Addressed over 150 on-call escalations involving patch failures, vulnerability scanning, and OCI plugin security, ensuring SLA adherence.
- Collaborated cross-functionally to enhance DevOps practices and CI/CD pipelines, and testing the changes for improving automation and compliance frameworks.
- Integrated **IAM automation workflows** in OCI Fleet Patching using OCI Vault and Ansible, improving credential rotation and access security compliance by 35%.
- Partnered with stakeholders across Product, Risk Management, and Security teams to drive **change management** and observability using **Splunk**, **Grafana**, and **AppDynamics**.

Senior Software Engineer | Visa Inc. | December 2022 – April 2024

- Led the transition to GitOps for DevOps workflows, optimizing version control and deployment automation across AWS infrastructure.
- Automated Windows system configurations using Ansible, dipping manual workload.
- Developed Bash scripts for daily system health checks with auto-log archiving to ensure compliance.
- Developed and optimized **SQL-based monitoring and reporting scripts** for service uptime analysis and incident trend detection.

Observability & SRE Tools:
Splunk, Grafana, Prometheus,
Nagios
Databases: MS SQL, PostgreSQL,
MySQL (query optimization,
stored procedures)
Issue & Defect Tracking:
Jira, Azure DevOps

CORE ATTRIBUTES

Problem-solving & Analytical Thinking
Cross-functional Team Collaboration
Automation-First Mindset
Communication & Presentation Skills
Proactive Issue Resolution

EDUCATION

MTech. in Data Science & Engineering |
BITS Pilani

Bachelor of Engineering | SJB Institute of
Technology

- Implemented automated security checks in CI/CD pipelines to ease production vulnerabilities.
- Conducted GitOps practice training sessions, improving team capabilities and adoption.

Cloud & DevOps Engineer | Anthology Inc. | May 2021 – December 2022

- Administered Linux-based operating systems, configuring **TCP/IP, DNS, and DHCP** settings for enterprise servers and ensuring network reliability across hybrid environments.
- Designed AWS infrastructure using Flexera RightScale; managed microservices with AWS ECS.
- Automated deployments through Jenkins and Git-based CI/CD pipelines.
- Created Terraform IaC configurations standardizing rapid infrastructure provisioning.
- Developed Bash and Shell scripts for automated system monitoring and log rotation.
- Implemented centralized logging via CloudWatch and Splunk for enhanced observability.
- Led migration of legacy apps to AWS containerized environments (Docker, Kubernetes).
- Established incident response plans reducing MTTR via automation and alerting.

Associate Software Engineer | NTT Data | October 2018 – May 2021

- Supported **UNIX/Linux servers** and JVM-based enterprise applications, performing production troubleshooting and performance tuning across multi-tenant systems.
- Automated routine support tasks incl. log analysis & health checks using Bash/Shell scripting.
- Delivered documentation and customer service training for internal tech teams, strengthening **interpersonal** and **problem-solving** capabilities.
- Supported AWS EC2 troubleshooting and 24/7 on-call production support and excel the documentation.
- Developed a knowledge base improving ticket resolution efficiency and customer satisfaction.

PROJECTS

OCI Fleet Patching Automation:

Designing and automating multi-region fleet patching workflows on Oracle Cloud Infrastructure (OCI) to minimize manual efforts and accelerate deployment cycles. Utilizing Docker containerization to package automation tools and scripts, ensuring consistent environments for deployment tasks. Orchestrating deployment workflows using Kubernetes to enable scalable, self-healing automation pipelines and manage multi-cluster patching processes efficiently. Implementing continuous health monitoring of patch applications via OCI Telemetry Alarms to maintain system stability and performance.

GitOps Transformation at Visa:

Leading GitOps adoption to automate AWS infrastructure deployments, improving version control, release frequency, and operational consistency. Building deployment pipelines in Jenkins integrated with Git for continuous integration and delivery of containerized microservices. Managing container orchestration using Kubernetes, including Helm chart development for standardized, repeatable deployments across environments. Driving automation of Docker-based application deployments coupled with monitoring and disaster recovery strategies to enhance system resilience.