Siddharth Patel

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PROFESSIONAL SUMMARY

- Cloud & DevOps Engineer with a progressive background transitioning from enterprise application support into cloud infrastructure and automation. Since early 2024, focused on building scalable, secure environments across Azure and AWS using Terraform, CloudFormation, and CI/CD tooling. Prior experience includes Microsoft 365 administration, Salesforce data operations, and backend support for enterprise apps. Known for driving compliance, automating infrastructure, and delivering high-impact solutions through scripting, governance, and cross-functional collaboration.

SKILLS

- **Cloud & DevOps**: Azure, AWS, Terraform, CloudFormation, CI/CD (Azure DevOps, GitLab, GitHub Actions), IaC, StackSets
- **Automation & Scripting**: PowerShell, Bash, Zsh, MDM automation, pipeline scripting, system orchestration
- **Security & Compliance**: SOC2, HIPAA, NIST, FHIR, Azure Sentinel, Microsoft Defender, AWS Security Hub, Config, Checkov, cfn-lint
- **Networking & Infra**: VPNs, Firewalls, DDoS, VPC Endpoints, Azure Front Door, EC2, Azure VMs, ECS, Docker
- **Databases**: PostgreSQL, MongoDB, MySQL, Redis, Salesforce, Oracle PL/SQL, Cosmos DB
- **Monitoring & Analytics**: Prometheus, Grafana, Microsoft Clarity, Dynatrace, custom exporters, APM

EDUCATION

Bachelor of Science

Major: Business Analytics and Information Systems - Summer 2017   University of South Florida

CERTIFICATIONS

AWS Certified: Solutions Architect
Microsoft Certified: Azure Security Engineer Associate
Microsoft Certified: Azure Administrator Associate
Microsoft Certified: Information Protection and Compliance Administrator Associate
AWS Cloud Quest: Solutions Architect
AWS Cloud Quest: Serverless Developer

WORK EXPERIENCE

AgileSrc LLC
Cloud Computing System Admin   **Jan 2024 - Current**

- Transformed IaC by replacing legacy ARM/BICEP with modular Terraform in Azure, and hardened AWS CloudFormation with cfn-lint and Checkov via CI/CD, boosting security and maintainability.
- Built CI/CD pipelines from scratch using Terraform, GitLab, and Azure DevOps; replaced linear workflows with parallelized deployments, cutting release times by 95%.
- Deployed multi-cloud infrastructure across Azure and AWS using Terraform (Azure) and CloudFormation (AWS) with StackSets; ensured scalable, compliant delivery via GitLab and Azure DevOps runners.
- Led cloud security enforcement by running regular audits; implemented auto-remediations in AWS with Config and Security Hub, and permanent, code-based fixes in Azure via Terraform.
- Automated endpoint operations by scripting MDM tasks in Bash for Intune and Hexnode—covering updates, compliance checks, and security monitoring.
- Enforced hybrid device security through custom policy deployment, automated enforcement validation, and proactive threat detection.
- Maintained enterprise-wide patching across VMs, containers, networks, and applications through centralized, auto-updating workflows.
- Centralized CI/CD governance by migrating GitHub configs and artifacts into secured cloud databases, improving control and traceability.
- Led Azure DevOps tenant migration, overseeing repo/branch restructuring, pipeline rebuilds, MR reviews, and cross-team governance improvements.

Abacode, Inc
Jr. Data Security Engineer   **Aug 2023 – Oct 2023**

- Designed and deployed data governance and DLP strategies across multiple clients, aligning controls with HIPAA and NIST standards to reduce exfiltration risk.
- Led sensitive data classification and labeling for CUI using Microsoft Purview, establishing core security baselines.
- Authored DLP policies that reduced accidental data leaks by 30% and strengthened protections against internal threats.
- Built automated pipelines to migrate and secure sensitive data from on-prem to Microsoft 365, improving audit readiness and compliance tracking.
- Translated business and regulatory needs into functional prototypes by conducting client interviews and security assessments.

KnowBe4
Database Manager   **Aug 2022 - Apr 2023**

- Managed a Salesforce environment with 50M+ records, ensuring GDPR compliance and improving lead quality by 15%.
- Integrated multiple SaaS apps with Salesforce, reducing manual patches through proactive compatibility monitoring.
- Redesigned CRM architecture using parallel processing, lowering database costs by 10% and improving performance.
- Led a PII anonymization project across 20+ sandboxes to support secure development and minimize data exposure.
- Resolved 2,700+ CRM tickets per quarter, consistently meeting SLAs and improving operations by 20%.
- Automated data validation and normalization for 2K–3K daily records, boosting CRM reliability and import accuracy.

Agilethought
Monitoring & Application Support Specialist   **Nov 2018 - Aug 2022**

- Delivered L3 support for Azure services including App Services, Cosmos DB, Azure Front Door, and WAF, ensuring performance and security.
- Served as SME for 4 enterprise clients, providing Azure cloud support, SQL database tuning, and automation via scripting.
- Increased web engagement by 25% through automated raffles and dynamic content rollouts.
- Improved system reliability by optimizing Azure and MySQL environments, enhancing user experience and uptime.
- Automated ETL workflows for a pharma client, cutting data processing time by 40% and reducing IT dependency.
- Streamlined CI/CD deployments using Jenkins and Blue Ocean for loyalty platforms, reducing resolution time by 20%.
- Built internal knowledge base and led onboarding, accelerating team ramp-up and support quality.
- Managed monthly release cycles, maintaining uptime and coordinating cross-team deployments.