

Prudhvi Chandana

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SUMMARY

DevSecOps Engineer with around 5 years of experience building secure, scalable, and automated infrastructure across healthcare and financial services domains. Skilled in designing CI/CD pipelines, implementing Infrastructure as Code (IaC), and managing containerized applications in cloud-native environments. Experienced in embedding security practices throughout the SDLC to ensure continuous compliance and risk mitigation. Proven ability to collaborate across cross-functional teams to enhance system resilience, reduce vulnerabilities, and accelerate secure software delivery.

SKILLS

Methodologies: SDLC, Agile, Waterfall

Language: Python, JavaScript, Bash Scripting, Shell Scripting, PowerShell, YAML

Cloud Platforms: RDS, EC2, VPC, IAM, Cloud Formation, EBS, S3, ELB, Code hooks, Auto Scaling, Cloud Trail, SQS, SNS, SWF, Cloud Watch, Redshift, EMR, Elasticache, App Services, Key vault, function app, Blob storage, Azure Active Directory (Azure AD), Service Bus, Azure Container Registry (ACR) and Azure Kubernetes Service (AKS), Azure SQL, Azure Cosmos DB

Infrastructure as Code: AWS CloudFormation, Azure Resource Manager (ARM), Google Cloud Deployment Manager

CI/CD Tools: Jenkins, Azure Pipelines, GitHub Actions, GitLab Pipelines, ArgoCD, Circle CI, Travis CI

Artifactory/ Containers: Jfrog, Azure Artifacts, Docker, Kubernetes, Helm, OpenShift, ACR

Networking & Framework: TCP/IP, DNS, VPN, VPC, Load Balancing, GDPR, HIPAA

Monitoring & Logging: Prometheus, Grafana, ELK Stack (Elasticsearch, Logstash, Kibana), Splunk, Nagios, Zabbix, Cloud Trail, Azure App Insights, Azure Monitor, Datadog, Dynatrace

Security: SonarQube, Snyk, OWASP ZAP, IAM (Identity and Access Management), Security Groups, SSL/TLS, Firewall Configuration

Database Technologies/ Web Servers: MySQL, PostgreSQL, MongoDB, Amazon RDS, Nginx, Httpd, IIS

Operating Systems: Linux (Ubuntu, CentOS, Red Hat), Windows Server

Tools & Software: Git, UI Bakery, Terraform, Ansible, Puppet, Chef, AWS CLI, Azure CLI, GitHub, Azure Repos, GitLab

EXPERIENCE

Global Payments, DevSecOps Engineer, USA

June 2024 - Current

- Architected and deployed security-integrated CI/CD pipelines for a high-volume global payment platform across GitLab CI, Jenkins, and Azure DevOps, embedding SAST/DAST tooling (Veracode, SonarQube, OWASP ZAP) to surface and remediate vulnerabilities at the earliest stages of the SDLC.
- Automated cloud security enforcement using Terraform and AWS Config Rules to maintain continuous PCI DSS compliance across distributed infrastructure handling millions of payment transactions daily.
- Configured and operationalized real-time threat detection and incident response workflows using AWS GuardDuty, CloudTrail, and Splunk, measurably improving MTTD and MTTR for payment fraud events.
- Engineered container security pipelines leveraging Docker, Kubernetes, and Aqua Security to automate vulnerability scanning, image quarantine, and patch management across microservices powering payment authentication.
- Hardened CI/CD and cloud infrastructure by enforcing RBAC, MFA, and automated secrets rotation through HashiCorp Vault and AWS IAM, protecting sensitive payment APIs and service credentials from unauthorized access.
- Coordinated blue-green and canary rollouts of payment-critical microservices using Helm and ArgoCD, gating production releases with automated smoke testing to ensure security and performance thresholds were met.
- Built compliance monitoring dashboards and audit automation scripts using Python and Prometheus/Grafana, streamlining adherence tracking against ISO 27001, SOC 2, and PCI DSS for global banking regulatory reporting.

Identic Softech, DevOps Engineer, India

Aug 2020 - July 2023

- Led the end-to-end cloud migration of a patient intake and care coordination platform from on-premise infrastructure to Microsoft Azure, leveraging Azure VMs, Blob Storage, SQL Database, and Functions to improve data accessibility and enable real-time patient interactions.
- Designed and executed a robust disaster recovery architecture using Azure Backup and SQL Geo-Replication, ensuring high availability of critical patient data while maintaining compliance with healthcare data protection regulations.
- Decomposed a legacy monolithic patient data processing system into independently deployable containerized microservices using Spring Boot and Docker, orchestrated through Azure Kubernetes Service (AKS) for improved scalability and maintainability.
- Enhanced platform-wide observability by integrating Azure Monitor, Log Analytics, and Application Insights, enabling proactive diagnostics and faster resolution of issues across patient record ingestion and clinical event pipelines.
- Standardized infrastructure provisioning through Terraform and Azure Resource Manager (ARM) templates, delivering consistent, secure, and audit-ready environments across clinical development and production deployments.

EDUCATION

Masters in Computer Science and Information Systems, Youngstown State University, Youngstown, Ohio

CERTIFICATIONS

AWS Solutions Architect Associate, Azure Fundamentals Az104, Azure DevOps Professional Az400.