

Piyush Himmatsinghka

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DevOps Engineer

With a proven record for cutting deployment times by 80% and boosting system performance by 67%, I specialize in delivering impactful Cloud Infrastructure. In 2023, I led projects generating over \$1M annually. Skilled in CI/CD pipelines, Terraform, Docker, Kubernetes, and AWS services, I deliver scalable and efficient solutions.

WORK EXPERIENCE

Full Stack Software Developer

01/2023 - 05/2024

CJ Technologies | Canada

- » Utilized Microsoft Azure Functions, Logic Apps, and Azure Automation with Terraform for efficient and serverless automation.
- » Automated infrastructure for 7 microservices in dev, uat, and production environments utilizing containerization and orchestration, deployed through Terraform, Ansible, and built tools like Maven, achieved a 85% reduction in deployment time.
- » Optimized cloud infrastructure and deployment processes using CI/CD delivery pipeline, which reduced setup time by 25%, enhancing overall system efficiency by leveraging agile methodologies.
- » Monitor and managed Jira sprint boards and incident tickets, facilitating efficient task tracking and collaborations, while leading daily SCRUM calls with stakeholders to align team efforts and enhance communication, ultimately improving team productivity by 33%.

DevOps Engineer

03/2017 - 04/2021

Europa Infotech | India

- » Improved SOC2 compliance and IAM by 20% through implementation of security measures, reducing security incidents by 45%.
- » Pioneered the development and maintenance of Infrastructure as Code (IaC) using AWS CloudFormation, AWS CDK, and Terraform, ensuring the reliability and repeatability of deployments and decreasing configuration errors by 40%.
- » Build and managed routine tasks and enhanced operational efficiency by leveraging automation tools in Bash, Python, and PowerShell to create AWS Lambda functions, improving task completion time by 60%.
- » Implemented CI/CD pipelines for a high-traffic website using Jenkins, cutting deployment time by 75% and boosting uptime by 27%.
- » Enhanced system administration by 37%, performed code reviews and monitoring, and reduced infrastructure costs by 25% by introducing DevOps principles for AWS services (EC2, S3, RDS, EKS, ECS, CloudWatch, Lambda, Cognito, API Gateways).

PROJECTS

Automated Compliance and Security Framework

- » Built an automated compliance framework with AWS Config and Inspector, reducing security vulnerabilities by 50%.
- » Enforced least privilege access using IAM policies and role management, enhancing overall security.
- » Integrated SonarQube into Jenkins CI/CD pipelines for code integrity and compliance before deployment.
- » Utilized Splunk for log analytics, reducing MTTR by 35% through proactive security incident detection.

Real-Time Traffic Monitoring and Alert System

- » Built a real-time traffic monitoring solution on GCP, processing over 2 million events daily to detect congestion and incidents.
- » Utilized Pub/Sub and Dataflow for real-time data analysis of traffic patterns and anomalies.

SKILLS & CERTIFICATIONS

Certification: AWS Certified Solutions Architect – Associate, HashiCorp Certified: Terraform Associate

Cloud: AWS (EC2, Lambda, S3 Bucket, RDS, Redshift, Elasticsearch, VPC, Route 53, IAM, WAF, CloudFormation, CloudWatch, CloudTrail, Code Commit, Sage Maker, SQS, SNS, CloudFront, Step Function, Cognito, Amplify, AppSync, GraphQL), Azure, Openshift (OCP), GCP

DevOps: Git, GitHub, GitLab, IaC, Linux, Bash, Microservices, Shell Scripting, Jenkins, Docker, Azure DevOps, Kubernetes, Helm Charts, Terraform, Ansible, Amazon ECS, Amazon ECR, Amazon EKS, Prometheus, Kibana, Grafana, SonarQube, GitOps, Dynatrace, Nginx

Technical: PowerShell, Bash/Shell Scripting, Python, JavaScript, NodeJS, DynamoDB / MongoDB, NuGet, MySQL, PostgreSQL, NoSQL

Concepts: Software Development Life Cycle (SDLC), Jira, Agile, ETL, SOLID Principle, RESTful APIs, Unit Testing, Refactoring, TDD

Server Management: Server Patching, SSL, CentOS, IIS/Apache, Firewall Configuration, Network Security

EDUCATION

PG Diploma In Blockchain Development - George Brown College

09/2022 - 08/2023

PG Certificate in Business Analysis - Seneca College

09/2021 - 08/2022

Bachelor Of Information Technology - Gujarat Technology University

08/2016 - 08/2020