

Piyush Himmatsinghka

Burnaby, BC | +16478686542 | phsinghka@gmail.com | linkedin.com/in/phsinghka | phsinghka.dev

DevOps Developer

DevOps Engineer with 6+ years of experience designing and optimizing cloud infrastructure, reducing cloud costs by 30-40% through automation and scaling strategies. Expert in CI/CD, Kubernetes, Terraform, and observability tools. Proven ability to enhance deployment efficiency, leading to faster product releases and improved system uptime.

WORK EXPERIENCE

DevOps Engineer

Jan 2023 - May 2024

CJ Technologies

Canada

- Automated deployment for 7 microservices across development, QA, and production environments using Docker, Kubernetes, Terraform, and Maven, reducing deployment time from 35 to 17 minutes.
- Scaled systems to handle 60% higher traffic with optimized automation, reducing manual intervention by 70%.
- Developed and maintained cloud infrastructure by establishing CI/CD pipelines and adopting agile methodologies, resulting in faster time-to-market, launching features 2 weeks ahead of schedule.
- Collaborated with cross-functional teams on migrating legacy systems to Kubernetes, implementing Elasticsearch (EFK Stack) for robust monitoring, achieving decreased incident response time by 50% through proactive monitoring.
- Streamlined Jenkins pipeline development to integrate security measures by implementing OWASP, SonarQube, and integration tools, resulting in improved code reporting with 60% fewer bugs detected post-release.

DevOps Engineer

Mar 2017 - Apr 2022

Europa Infotech

India

- Optimized cloud resource allocation, implementing spot instances and auto-scaling, leading to \$450K cost savings over 3 years
- Implemented CI/CD pipelines for a high-traffic website using Jenkins, leading to a 99% uptime in a public cloud environment over 3 years.
- Implemented monitoring solutions using Prometheus and Grafana, increasing system uptime from 95% to 99.1% by proactively resolving performance bottlenecks with on-call support.

PROJECTS

End-to-End DevOps Pipeline for a Shipping Organization

- Alpamed, Mexico
- Implementation of Gitlab to automate code build, testing, and static code analysis using Maven and SonarQube.
 - Integrated ArgoCD for orchestrating deployments to staging and production environments.
 - Deployed the application to Kubernetes clusters on Proxmox, making this project build for private cloud.

SKILLS & CERTIFICATIONS

Certification: AWS Certified Solutions Architect – Associate

Cloud: AWS, OpenStack

DevOps: Jenkins, GitHub, GitLab, Docker, Kubernetes, Amazon EKS, Amazon ECS, Terraform, Ansible, Helm, ELK Stack (Elastic Stack), Prometheus, Grafana, JFrog Artifactory, SonarQube, Nginx

Technical: Bash/Shell Scripting, Groovy, YAML, Python, JavaScript, NodeJS, DynamoDB / MongoDB, MySQL, PostgreSQL, NoSQL, MariaDB, Apache Kafka, RabbitMQ, GIT

Concepts: Jira, Agile Software Development, ETL, Cloud Computing Architecture, SOLID Principle, RESTful APIs, Infrastructure As Code (IaC), GitOps

EDUCATION

- PG Diploma In Blockchain Development - George Brown College | GPA: 3.5

Canada
- PG Certificate in Business Analysis - Seneca College | GPA: 3.8

Canada
- Bachelor of Technology (BTech), Information Technology - Gujarat Technology University | GPA: 8.2

India