

# GAUTAM PAMBHAR

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## Cloud DevOps Engineer

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## Professional Summary

Seasoned Cloud DevOps Engineer with 4 years of experience in AWS and Azure cloud platforms. Skilled in empowering companies to streamline their CI/CD pipelines and infrastructure deployment processes using IaC and scripting for enhanced automation and developer productivity. Possesses excellent analytical and problem-solving skills, with a strong ability to work independently.

## Technical Skills

- **AWS core services:** IAM, EC2, S3, DynamoDB, CloudFront, Lambda, Kinesis, CloudWatch, Cognito and Connect.
- **Azure core services:** AKS, VM, Azure App Service, Function App, APIM, Blob Storage, Key Vault, SQL MI, Monitor, Power BI, Alerts, and Azure AD.
- **CI/CD:** Azure classic and YAML pipelines(expertise), GitHub Actions, AWS CodePipelines
- **Scripting:** Bash, PowersShell and Python
- **Infrastructure as a Code:** CloudFormation(AWS), ARM & Bicep(Azure), Terraform
- **Monitoring tools:** CloudWatch(AWS), Azure App Insight & Log Analytics(Azure), DataDog
- **Tech Stacks:** MEAN/MERN stack (MongoDB, Express.js, Angular/React, Node.js), and Java Applications utilizing Wildfly Server
- **DevOps Tool:** Ansible & Veeam(backup)
- **Containerization Technology:** Docker and Kubernetes
- Quick learner, team player, processoriented, flexible, commitment to learning and development, ability to manage priorities
- Strong interpersonal and excellent communication and writing skills

## Work History

### Azure Cloud Administrator (Infrastructure Engineer)

02/2023 to Present

#### Manitoba Public Insurance(MPI) – Toronto, Canada

- Provisioned multi-environment Azure infrastructure including compute(AKS, VMs, APIM, Redis), storage(Blob) and network(App gateway) using Infrastructure as Code (IaC) in Terraform and Bicep.
- Lead the transformation of manual Azure Kubernetes Service (AKS) and API Management application deployment to automated processes, utilizing Terraform and Bicep code.
- Implemented robust Backup and Disaster Recovery strategies, fortifying resilience against regional failures in Azure.
- Designed range of Powershell and Bash scripts to automate daily cloud operations, significantly improving efficiency.
- Set up real-time monitoring for AKS using Kusto queries for log alerts, metrics-based alerts, and Application Insights. Also, built Azure dashboards with Container Insights to enhance visibility, improving overall reliability and performance.
- Contributed to meaningful architecture diagrams and write up process documentation needed for software release and system configuration matrixes

### Cloud DevOps Engineer

02/2022 to 01/2023

#### TradeCVD B.V. – Toronto, Canada

- Led the transformation of legacy applications into high-performing microservices and optimized their performance on Azure Kubernetes Service (AKS) clusters.
- Designed Azure CI/CD pipelines, wrote kubernetes manifest files, and IaC in terraform to streamline and automate the cloud infrastructure creation and deployment.
- Provided technical support for all aspects of the Azure cloud infrastructure to include network, connectivity, storage, virtual machines (VMs), etc.

### DevOps Product Engineer

02/2020 to 01/2022

#### Perficient – Toronto, Canada

- Designed fully automated multi-staged Azure CI/CD YAML pipelines to deploy Twilio and AWS Serverless applications that reduced deployment time from 1 hour to 20 minutes.
- Wrote infrastructure code for AWS and Azure product services such as S3, CloudFront, Cognito, CloudWatch, DynamoDB, Azure monitoring Alerts and Dashboards
- Developed scripts (Python and Bash) on products for automation of the build and release process

- Created meaningful dashboards, logging, alerting, and responses using CloudWatch metrics and Azure AppInsight(Kusto query) to ensure that issues are captured and addressed proactively
- Research and implement SSO migration of AWS, Zendesk, Twilio, Twilio Flex accounts from Centrify to Azure Active Directory and Okta platforms
- Developed a python script to create 1000+ CloudWatch alerts in an automatic fashion, which generated additional revenue for the organization
- Actively manage, improve, and monitor cloud infrastructure on AWS and Azure, including backups, patches, and scaling

### **Junior Software Developer**

03/2016 to 03/2017

**Starline Infotech (www.starlineinfotech.net)** – Rajkot, Gujarat

- Contributed to the development of a web app for a hair salon to book an online appointment. Designed and delivered web app in Django using python while working in a team of 4 developers to handle about 400 users on a web app.
- Worked closely with clients to establish problem specifications and Discussed project progress, collected feedback on different stages and directly addressed concerns

### **Education**

**Advance Diploma:** Software Engineering Technology, Sept. 2017 - April 2019

**Centennial College** - Scarborough, Canada

**Bachelor of Science:** Information Technology, Aug. 2011 - June 2015

**Atmiya University** - Rajkot, India

### **Certifications**

- [AZ-900 Microsoft Azure Fundamentals 2022: A Cloud Guru](#)
- [AZ-104 Microsoft Azure Administrator Certification 2022: A Cloud Guru](#)
- [AZ 400 Designing and Implementing Microsoft DevOps Solutions: A Cloud Guru](#)
- AWS Certified Solutions Architect Associate 2019: A Cloud Guru
- [Docker Deep Dive: A Cloud Guru](#)
- Using Terraform to Manage Applications and Infrastructure: A Cloud Guru
- Introduction to Ansible: A Cloud Guru
- AWS IAM Security - Deep Dive: A Cloud Guru