

Dishant Pandya

DevOps Engineer

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🌐 dishant.me

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Devops Engineer with experience in building automated, secure, and self-service ecosystem for high velocity application development and delivery. Have worked in domains such as Banking, Travel, Blockchain. Highly experienced in implementing scalable platforms, PaaS ecosystems on top of Kubernetes and Cloudfoundry. Implemented Fine-Grained access controls by applying Zero Trust Principles, and web authentication frameworks OIDC and SAML. Experienced in integrating identity federation across wide range of application services

WORK EXPERIENCE

Openxcell Inc.

(Nov 2020 - Jul 2022)

Lead DevOps Engineer

- Work with Clients, consult and implement solutions to deploy and scale applications in Cloud.
- Implement and migrate workloads to Kubernetes , enabling self service platform for developers. Prepare a documentation for usage.

🔗 <https://openxcell.com>

Addweb Solution

(Apr 2019 - Nov 2020)

DevOps Engineer

- Conguring & Managing various automated development processes. Building a consistent & portable application development environment using various dev tools.
- Drupal + React Decoupled Application Deployment on Platform.sh, integrated with Gitlab.
- React + Laravel + MongoDB Microservices Deployment on ECS. IaC using Terraform.
- Drupal CI/CD, Automated Testing and Deployment on EKS using Gitlab.

🔗 <https://addwebsolution.com>

Tops Infosolutions Pvt. Ltd

(Apr 2018 - Mar 2019)

Network and Linux Admin

- Network Management & Monitoring, Managing Firewall and Access Control.
- Managing and Monitoring Servers for SCM, Chat, NAS. Conguring & Deploying Server hardware.
- Linux System Administration, IT asset management. Scripting for Unattended software installation.
- Database Troubleshooting and Management

🔗 <https://www.topsinfosolutions.com/>

Singhi and Co.

(Aug 2017 - Apr 2018)

IT Admin

Manage the IT Infrastrucutre of a well-known Legal Advisor's Company. Congured monitoring and automated alerting.

SCHOLASTICS

Gujarat Technological University

(Jul 2012 - Mar 2017)

B.E, Electronics and Communication

6.39

Participated in various robotics workshops and conducted labs for microcontroller programming in C.

Project - Motion sensing wearable midi controller for DJ Mixing Softwares, with Arduino.

LANGUAGES

Gujarati

Native



Hindi

Native



English

Fluent



SKILLS

AWS Skilled	Terraform Skilled	Ansible Skilled	Linux Skilled
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Python Novice	Docker Expert	CI/CD Skilled	Kubernetes Skilled
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SOFT SKILLS

Leadership



Collaboration,
Communication

Creativity



Critical Thinking, Visual
Thinking

Problem Solving



Root Cause Analysis,
Debugging, Refactoring

Organization Skills



Enthusiasm, Work Ethic,
Supervision

PROJECTS

Digital Banking Customer Onboarding Journey

Backend Developer

- Implemented the application deployment platform for modernized micro-services using Terraform infrastructure as code.
- Integrating the Observability with Grafana, Elastic Stack.
- Applying security best practices to be replicated consistently for Dev, QA and Production environments.

Terraform, Kubernetes, AWS, Kong, Elastic Stack, Grafana + Prometheus

Virtual Card Fintech Platform on Fargate with Terraform

Development Platform with Terraform

- Accelerated provisioning 10x more faster, and improved developer experience of provisioning multiple services and environments.
- Implemented deployment workflows for the fintech product using Terraform. Defined all the required resources on AWS with modules, and abstracted adjustables with terraform vars.
- Prepare a POC for Kubernetes PaaS Porter and evaluate features.

<https://www.tryjeeves.com/>

Fintech, ECS Fargate, AWS, Terraform, AWS CodePipeline, Datadog, Kubernetes, Docker Swarm

Software Workshop

Scalable Development with Terraform, Kubernetes and Devspace

- Setup scalable and Reliable Development platform with Terraform and Kubernetes, and devspace.
- Implementing AWS Spot and Cluster Autoscaler ensure availability and reduce cost.
- Implement kube-downscaler to scale down workload out of working hours.
- Configure secure AWS authentication from Bitbucket Pipelines using OIDC Federation.
- Implement Bottlerocket OS for EKS Worker nodes to optimize performance, resource allocation and reduce costs by upto 30% Implement teller to securely load secrets from AWS Secrets Manager into container runtime.

Openxcell Development Platform

Scalable Development Platform for Software Service Company on top of Kubernetes

- Refactor and optimize infrastructure to scale and reduce cost by using Spot instances.
- Support 100+ CI Runs per day and 10+ Concurrent Job per minute with Gitlab Runner manager.
- Zero Downtime Deployments on Kubernetes, templated with Devspace.
- Centralize Identity Management across organization with Keycloak and configure federated access for team to access, AWS, Gitlab and Kubernetes.
- Implement Custom SSO Broker to support OIDC Federation with internal and client AWS Accounts, managed centrally outside consolidated billing organisation for technical support and devops services.

<https://docs.openxcell.dev>

Vault Signed SSH Certificate Auth

Identity Based SSH for Digital Ocean Servers

- Configure SSH Certificate and OTP Secrets engine and configure servers to use it for Short lived credentials.