



Chetan Zade

Sr. DevOps Engineer

I am an AWS Certified Solutions Architect (Professional) with 6.8 years of experience and expertise in Clouds & DevOps Tools. I am proficient in providing solutions for building and supporting secure, fault-tolerant, highly available, scalable & cost-optimized architectures & provisioning infrastructures for the applications deployed in the cloud. Additionally, my experience includes working on healthcare eCommerce & OpenSource technologies to design optimal solutions for automating the infrastructure provisioning, building & deploying the application.



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Certifications



AWS Certified Solutions Architect - Professional



AWS Certified Solutions Architect - Associate

Work Experience



Senior DevOps Engineer
Opcito Technologies Pvt. Ltd.

August 2022 - Present

- **Role:** Senior DevOps Engineer
- **Tools/Technologies:** AWS Cloud Services, Linux, Terraform, CloudFormation, Ansible, Docker & Containerization, Kubernetes, AWS ECS (Fargate), Git, Jenkins, Wazuh.
- **Responsibilities:**
 - Recommend & create multi-cloud architectures for multiple environments of the projects.
 - Setup of multiple environments with the latest technology stack including Terraform, Kubernetes, Ansible, etc.
 - Create fully automated CI-CD pipelines for infrastructure and code deployments.



AWS Solutions Architect, Senior DevOps Engineer & Site Reliability Engineer
e-Zest Solutions Pvt. Ltd.

January 2016 - August 2022

- **Number of Projects:** 15
- **Project Framework:** Magento 1.x, Magento 2.x, Odoo, Laravel, WordPress
- **Project Domain:** Multinational Healthcare e-Commerce Web Applications
- **Role:** AWS Solutions Architect, Senior DevOps Engineer & Site Reliability Engineer
- **Tools/Technologies:** AWS Cloud Services, Linux, Terraform, CloudFormation, Ansible, Docker & Containerization, AWS ECS (Fargate), Git, Jenkins, Rundeck, SonarQube, Veracode, Wazuh, Nagios, NewRelic, Puppet, Shell Script, Palo Alto, ELK Stack.
- **Responsibilities:**
 - Recommended & created AWS architectures for multiple environments of the projects.
 - Setup of multiple environments with infrastructure as code using CloudFormation & Terraform.
 - Deployed & managed multiple projects with AWS ECS Service (Fargate) architectures and recommended virtualization and containerized solutions.

- Created fully automated CI-CD pipelines, infrastructure deployment jobs & processes for multiple projects with best practices.
- Implemented the monitoring and reporting solutions across a range of environments using Veracode, SonarQube, Newrelic, Wazuh, Nagios & ELK stacks.
- Implemented security hardening for networks & servers.
- Firewall implementation with AWS WAF & Shield and PaloAlto.
- Worked on architecture, design & automation of the Disaster Recovery (DR) Strategies with the implementation of DR drills.
- Developed scripts for creating builds, deploying artifacts & creating backups using Jenkins, Ansible, Docker & Shell scripting with rollback strategies.
- Worked on migration activities of the projects.
- Driven support activities that involve analyzing incidents and Problem Records (PRs) for specific kinds of problems to find appropriate RCA and solving problems by analyzing the logs.
- Recommended & implemented infrastructures for multiple frameworks, like Magento 1.x, Magento 2.x, Laravel, Odoo & WordPress.
- Worked on requirements gathering, designing & documenting architectures, application development, testing, implementation, post-implementation support & knowledge transition.
- PCI-DSS & HIPAA compliant environment setup on AWS Cloud for multiple healthcare e-Commerce websites.
- Implemented the PCI-DSS standard controls for the resources deployed on AWS and worked with the Qualified Security Assessor (QSA) to achieve PCI certification.
- Worked on Kubernetes Clusters.

Expertise

Operating Systems	Windows, Linux - Ubuntu, RHEL-based OS, CentOS, Amazon Linux, Amazon Linux 2
Cloud	Amazon Web Services & OpenStack
AWS Services	<p>Analytics: ElasticSearch, OpenSearch</p> <p>Application Integration: Amazon MQ, Rabbit MQ, SNS, SQS, Step Functions</p> <p>Business Applications: SES</p> <p>Compute: EC2, Lambda, EBS, AMI, Snapshots, Load Balancers, Target Groups, AutoScaling Groups, Launch Configurations</p> <p>Containers: Elastic Container Registry, Elastic Container Service, Elastic Kubernetes Service</p> <p>Databases: ElastiCache, DynamoDB, RDS (Amazon Aurora, MySQL, MariaDB)</p> <p>Developer Tools: CodeBuild, CodeCommit, CodeDeploy, CodePipeline</p> <p>End User Computing: Workspaces</p> <p>Management & Governance: CloudFormation, CloudTrail, CloudWatch, AWS Health Dashboard, System Manager, Trusted Advisor</p> <p>Networking & Content Delivery: CloudFront, Route53, VPC, Subnets, Route Tables, NACLs, Security Groups, VPN, IGW, Nat Gateway, Peering Connections</p> <p>Security, Identity, & Compliance: Certificate Manager, IAM, WAF & Shield, KMS, Secret Manager</p> <p>Storage: AWS backup, EFS, S3, EBS</p>
DevOps	<p>Version Control: GIT</p> <p>Automation/Build: Jenkins, Rundeck, Confluence, Jira, SonarQube, Veracode</p>

	Virtualization: Docker, AWS ECS (Fargate) Monitoring: Nagios, Wazuh Configuration: Puppet, Ansible IaC tools: Cloudformation, Terraform, Ansible Web servers: Nginx, Apache
Languages	Python, Shell Scripting, Groovy, JSON, Angular, AngularJs, Basic Java, PHP, HTML, CSS, JavaScript
Framework	Magento 1.x, Magento 2.x, Laravel, Odoo, WordPress
Firewalls	AWS WAF & Shield, Palo Alto
Databases	MySQL, Aurora Postgress, Aurora MySQL, DynamoDB, Oracle
Other	Technical documentation, Cost Optimization, Availability and Scalability of Infrastructures, Automations, DR Strategies, Network Security, Server Security Hardening, e-Mail services, HIDS setup, Remediation on IVA, ASV & CHD Scans.

Education



Savitribai Phule Pune University
Bachelor of Engineering - Computer
 2011 - 2015



K.T.H.M. College
Higher Secondary Education
 2009 - 2011