MISHAL SHAH

Cloud Native Engineer | DevOps | SRE

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PROFILE

What I have to offer?

I had held responsible positions into number of companies specialising in IT services, security, ecommerce as DevOps and software engineer. My practical experience includes cloud natives, integrating AWS cloud based infrastructure components, developing automation solutions, application programming and system administration. Proficient experience into serverless cloud native application development.

What I am looking for?

- Company with positive ethical stance
- Time and opportunity learn and integrate emerging technologies
- Work hard but not 24/7

WORK EXPERIENCE

Software Engineer II - DevOps   June 2019 - Present
[Groupon](), Bangalore, Karnataka, IN

- Part of CICD Team, managing and maintaining Jenkins, Artifactory.
- Managing the CI system for 500+ micro-services.
- Developing CI pipelines to support various types of development platforms.
- Programming broker plugins for tools.
- Performing end-to-end administration of AWS infrastructure including configuring security networks.
- Maintaining system upgrades including service packs, patches, hot fixes, vulnerabilities, and security configuration.
- Collaboratively working with software engineering teams to onboard them to build tools.
- Implementing monitoring as code to reflect the metrics of CI tool such as jvm metrics, pipeline metrics and infra to monitoring dashboards at Wavefront.
- Taking part into on call process for issue troubleshooting and resolution.
- Currently migrating Jenkins and Artifactory to AWS Cloud.

Software Engineer II - DevOps   Feb 2018 - May 2019
[Sophos]() (Formerly Known as [Cyberoam]()), Ahmedabad, Gujarat, IN

- I started working for the core Email security team as cloud native engineer.
- Working to onboard the services integrating AWS Cloud based infrastructure components.
- Writing automation using Python, bash, Terraform, Cloud-formation, Chef, that build infrastructure over cloud.
- Implementing automated test, build, release and deployment using Jenkins and bamboo integrating with GitHub, Bitbucket, GitLab.
- Later became part of newly formed DevOps team responsible for all products of Email Security.
- Performing end-to-end administration of AWS infrastructure.
- Developing and maintaining the infra libraries into Terraform that enables quick deployment of the infrastructure following the company practices.

- Collaboratively working with software engineering team to deploy microservices with EC2, ECS, Docker.
- Upgrading and maintaining service templates that enable the secure deployment of the micro-services implementing the best practices.
- Taking part into the architecture review to evaluate design and architecture.
- Using monitoring as code to reflect the metrics such as jvm metrics for java service and infra to monitoring dashboards at Grafana, Logic monitor.
- Documenting troubleshooting guide run-books for quick resolution on occurrence of issue.
- Taking part into on call process for issue troubleshooting and resolution.
- Writing automations using Java, Python, bash that perform the automated issue resolved.
- Taking part into the migration practice for the cloud resources from various services.

DevOps Engineer   May 2017 – Dec 2017
[Quantiphi](#) Mumbai, Maharashtra, IN

- Handling and managing the AWS and GCP cloud for over 200+ team members.
- As the first DevOps, define DevOps practice for the Company and help team to implement practice.
- Review and influence new and evolving design, architecture, standards, and methods for operating services and systems.
- Develop scalable infrastructure components and tools for infrastructure monitoring.
- Managing DevOps tools GIT-GitLab repository, Jenkins CI/CD.
- Building automation for quick infrastructure deployment and monitoring.
- Built an automation for cloud resource utilization that save the cost of the company up-to $1000/ year.
- Built automation to implement the secure usage of the cloud resources.

Software Engineer   Sep 2014 – Apr 2017
[SoftVan](#) Ahmedabad, Gujarat, IN

- Writing the cloud-ready application using AWS Cloud API that integrate the AWS services such as S3, DynamoDB, Redshift, Cognito, etc.
- Deploying and managed the application deployment over the AWS cloud with services EC2, ELB, Autoscaling, RDS, DynamoDB, Redshift.
- Integrating AWS Cognito for the platform independent authentication and authorization.
- Design and Developed the media processing services using the AWS Elastic Transcoder services which serverless processing implementation using AWS lambda, AWS RDS, AWS SNS.

SKILLS

Software Engineering: Java, Python, HTML5, CSS, JS, JSON, Ajax, jQuery, Spring Boot, Hibernate

Cloud: AWS, GCP, Azure

DevOps & Cloud Natives: Containers, Docker, Micro-services, Jenkins, Bamboo, Git, Bitbucket, GitLab, Github, Terraform, Cloud-formation, Chef, Bash, Apache 2, Tomcat, Maven, Gradle, Logic-Monitor, Grafana, CloudWatch, Site24x7, Wavefront, Logz.io, ELK Stack, MySQL, DynamoDB, Redshift

EDUCATION

B.E. Computer from Gujarat Technological University (GTU) , 2010 – 2014