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NAVEED AHMED

Employment

[Since 1st January 2017]

DevOps Engineer

[Gaditek](#), [Disrupt.com](#)

- Explore and implement latest tools and technology suited to implement CI/CD within the Organization
- Builds automated deployments using configuration management.
- Deploying, automating, maintaining and managing AWS cloud based production system, to ensure the availability, performance, scalability and security of productions systems.
- Pre-production Acceptance Testing to help assure the quality of our products / services.
- Validate deployments. Implementing and maintaining scalable monitoring and alerting systems. Responsible to monitor different cron jobs that are running and act on them in case of failure. Responsible to identify critical services and setup monitoring for them (and fix the issues), whenever a new design is implemented.
- Responsible to monitor critical services/APIs in current system and act in case of failure.
- Network performance monitoring and troubleshooting the issues related networks.
- Implement scalable cloud-based infrastructure
- Execute QA and production deployments for many different applications.
- Provide Systems Engineering and DevOps support to Software Engineering and IT operations team. System troubleshooting and problem solving across platform and application domains.
- Suggesting architecture improvements, recommending process improvements.
- Troubleshoot and resolve server failures and authentication/authorization problems.
- Diagnose application failures in staging and production environments, understand the underlying issues, and resolve them.
- NMS (nagios, check_mk, sensu, graphite, whisper, grafana,new relic)
- Handle as-needed support requests for infrastructure issues (disk full, network connectivity, failed daemons, etc.) Document procedures and modifications to environments.

[July 2016 - Dec 2016]

[Gaditek](#), [Disrupt.com](#)

[Company](#)

System Admin - Linux

- Monitoring KillPing.com Network Infrastructure using Custom designed tools
- Managing day to day Operation for KillPing.com Infrastructure

- Implementing Firewall for internal Network Infrastructure
- Automation, Configuration Management using Ansible
- Automatic Deployment using bash and perl scripts
- Troubleshooting & RCA
- R & D for Next Level and Better infrastructure planning.
- Cloud Platform Google, AWS, OVH, Digital Ocean, Softlayer, Rackspace, Vultr

[May, 2016 - July 2016]

[NexDegree](#), Karachi, Pakistan

Infrastructure Engineer

- AWS Services - CodeCommit, CodeDeploy, CodePipeline, SES, EC2, S3, CloudFront, CloudFormation, CloudWatch, Auto scaling, Elastic Load Balancer, VPC, RDS, Redshift, IAM, ElasticCache, Route 53, SNS
- IPS/IDS sshguard, fail2ban
- Centralize Log management and analysis
- Exim, SES, Postfix Configuration, VPN site to site configuration
- Monitoring using Cacti, Nagios, New Relic, LogicMonitor, Icinga, Open Distribution Monitoring

[June 1st, 2015 - April 2016]
Pakistan

[PredictifyMe](#), Karachi,

AWS Team-Lead

- Cloud Platform (Amazon Web Services)
- Writing Shell Scripts, Ansible Playbooks & Roles to automate the Project Deployment
- Understand Technology, Products and Test Requirements to recommend solutions to meet their needs
- System Engineering, Python, Ansible, Nginx , CentOS, Ubuntu, Red Hat,
- Load and stress testing using Apache Jmeter, Apache Benchmark
- AWS Services EC2, S3, Auto scaling, Load Balancers
- Git and Github
- Designing and Implementing Cloud Patterns
- Backup & Recovery Pattern Designing
- Virtualization (VMware, VBOX, Vagrant)
- Designing and implementation of Highly Available and Fault Tolerant applications on AWS
- Monitor system operation to detect potential problems.
- Provide advice on project costs, design concepts, or design changes.
- Migrating complex, multi-tier applications on AWS

- Firewall Implementation and OpenVPN configuration

PROJECTS

- Migrating Complex web application from Rackspace to AWS
- Migration of Huge Production Database from Dedicated server to AWS RDS using AWS Database Migration Service (DMS) with zero down time
- Designed and Implemented Highly Available Fault Tolerant infrastructure for [Mobivists](#) over AWS
- Designed and Implemented Infrastructure for [eQuiz](#)

EDUCATION

[January 2009 - August 2013]
Jamshoro, Pakistan

University of Sindh,

Bachelor's of Computer Science

PROFFESIONAL CERTIFICATION

AWS Certified Solutions Architect - Associate [License V2MQH54CKJR11FK6] RHCSA [Certification no : 150-207-785, URL: [Certificate Verification](#)]

TOOLS & SKILLS

Amazon Web Services, Ansible, Vagrant, VMWare, Linux Server, MySQL, AWS EC2, AWS VPC, Amazon Elastic Load Balancing, Auto Scaling, Amazon Route 53, Amazon Cloud Front, Amazon S3, AWS RDS, AWS CloudWatch