Karthik Prabhu T R

BE (Electrical and Electronic Engineering).

E-Mail ID: fxtrarr@gmail.com   **Mobile No**: +91-9944037852

Address: 1/232D, Bharathi Nagar, Covai Road, Annur-641653

CAREER OBJECTIVE

Seeking a position to utilize my skills and abilities in the Information Technology industry that offers professional growth while being resourceful, innovative, flexible, willing to work as a key player in challenging & creative environment.

WORK EXPERIENCE

Engineer- Cloud Infra Services
LTIMindtree –Cloud Infra Service (JUN 2019 - to till date)
Job Description: Deploying, Maintaining and Troubleshooting AWS cloud infrastructure.

- Designed, deployed, and maintained cloud-based infrastructure and applications on AWS, including EC2, S3, EBS, ELB, CloudWatch, VPN, autoscaling, CloudTrail, IAM, VPC, ECS, Event Bridge, API Gateway, CloudFront, and Route53.
- Experience in creating well architecture to create secure environment with AWS best practice.
- Configured and managed security groups on AWS and implemented security practices such as IAM, CloudWatch, CloudTrail, Trusted Advisor, and Guard Duty to ensure the security of the cloud environment.
- Created and managed public and private VPCs, NAT gateways, internet gateways, IP Sec VPN tunnels, route tables, peering, and network ACLs to ensure secure network connectivity for cloud-based systems.
- Deployed services in development, staging, and production environments using Jenkins pipeline and multibranch pipeline, with hands-on knowledge of software containerization platforms like Docker, container orchestration like Kubernetes.
- Worked with GIT version control systems and used source code management tools like GitHub and GitLab to manage and track changes to software code.
- Suggested EC2 instance types based on workloads and provided high availability by implementing load balancers (classic/application) and autoscaling.
- Created roles, users, groups, and implemented MFA to provide additional security to AWS accounts and resources using IAM.
- Migrated and managed DNS entries in Route 53 and other DNS providers to ensure smooth and efficient communication between cloud-based systems and end-users.

- Implemented production monitoring setup for production environment servers using Sensu, Grafana, New Relic, OpsGenie, Datadog and CloudWatch, monitored and troubleshooted server performance.
- Creating shell and bash script to automate day to day activities as regular processes.
- Providing analytics and forecasts for websites URLS, troubleshooting analysis, and uptime using tools like Pingdom, uptime robot.
- Regular inspection of infrastructure for its compliance of CIS, PCI, AWS Security standards.
- Checking and resolving vulnerabilities of a server using different tools such as Nessus and AWS inspector.
- Utilize monitoring tools like sensu, data dog, Grafana, new relic, OpsGenie, Datadog and CloudWatch to proactively identify problems with resources like Servers, RDS etc.
- Installing, configuring, troubleshooting the webservers such as Apache, Nginx, etc. and Tomcat Cluster
- Spin-up new servers, build infrastructure as per the requirement using Terraform.

Desktop Support Engineer (JAN 2019 to JUN 2019)

Vertex Solutions

Job Description: System administration, maintenance and troubleshooting of Desktop and networks.

Drive Test Engineer (SEP 2017 – JUL 2018)

TNS Solutions.

Job Description: Drive Route Planning and GSM, WCDMA, LTE Drive Testing.

Drive Test Engineer (APR 2015 – JUL 2017)

Alpha Associates

Job Description: Drive Route Planning and GSM, WCDMA, LTE Drive Testing.

Financial Advisor (NOV 2013 to MAR 2015)

Sri Vendan Agency

Job Description: Maintaining the stocks, Human Resources and providing the banking support.

DECLARATION:

I hereby declare that all the details furnished above are true to my knowledge and if I am given an opportunity in your esteemed organization, I will discharge all my duties to my superior in a sincere way.

Place: Coimbatore   (Karthik Prabhu T R)