

PRAVINKUMAR M

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AWS DevOps Engineer | Cloud Architect

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With extensive expertise in navigating complex AWS cloud infrastructures, I leverage my skills in Amazon Web Services to optimize system functionality and performance. My dedication to innovation, coupled with a strong background in Kubernetes and RDS, empowers me to deliver advanced, cutting-edge solutions that drive business success.

Work Experience

TATA CONSULTANCY SERVICES | Cloud Engineer Project -1 | Cloud Devops Project -2 | June 2021 - Oct 2024

- 1. Web Application Implementation in AWS:** Deployed web applications in AWS using S3 for the front end and Elastic Beanstalk for the back end, served via Cloud Front as the origin cred with Secrets Manager.
- 2. Database Integration with Secrets Manager:** Developed and integrated databases (AWS RDS) with Secrets Manager for secure data management.
- 3. AWS Lambda for Data Processing:** Hands dipped in AWS Lambda function (python) troubleshooting which efficiently transfer data from S3 (txt files) into RDS MySQL databases i.e, Trigger when objects poured into source bucket in s3.
- 4. Build and Deployment Management:** Independently managed the build and deployment processes across multiple environments (Dev, QA, Prod) in the cloud. This includes aligning with the Well Architected Framework, assisting with Designing secure and scalable architectures, implementing AWS services, collaborating with teams, and ensuring efficient cloud infrastructure operation.
- 5. Application Deployment in AWS EKS:** Deployed microservices in AWS EKS clusters using deployment and service YAML files.
- 6. Monitoring and Notification Management:** Monitored Kibana dashboards for notification management, with CloudWatch logs and SNS for alarm trigger management.
- 7. Server Management:** Worked efficiently in Apache tomcat server for application functionalities and patching.

ACCENTURE |AWS Cloud Architect |

Oct 2024 - Present

- 1. Microservices Management:** Worked with GraphQL and OpenSearch pods along with Terraform Yaml files.
- 2. Docker images and Kubernetes :** created docker images and deployed in ECR in patch with EKS.

Education

Bannari Amman Institute Of Technology

Aug 2017 - Mar 2021

B.E Mechanical Engineering

Grade: CGPA - 8.21

Skills

- Amazon Web Services (IAM, S3, ECS, Elastic Beanstalk, EC2, Routing protocols - Route table vpc Cloud front, ACM, Lambda, EKS (Kubernetes), OpenSearch/Elasticsearch, RDS, Cloud Watch, SSH, Kinesis data streams, firehose, VPC, Route 53, Redshift, Network monitoring - VPC Flow logs, VPN, Virtualisation)
- Git, Git Hub & Bit Bucket
- Python
- Terraform on AWS (Infrastructure as a code - IAAC)
- Kubernetes

Certifications

- AWS Certified Developer Associate DVA C02**

Verification ID: [a9ffdb6d5394b968c7336a178a7224f](#)