

CURRICULUM VITAE



GEETHA R. (AWS / DevOps Engineer)

📍 Surathkal-Mangaluru 575030

☎ +91 9663832581

✉ geethakalladka87@gmail.com

LinkedIn: <https://www.linkedin.com/in/geetha-kalladka-5141ab227>

GitHub: <https://github.com/geethagrs>

DockerHub: <https://hub.docker.com/u/geethagrs>

Technical Blog: <https://www.blogger.com/blog/posts/6456498280389720556>

CAREER OBJECTIVE

Aspiring and Professional AWS DevOps Engineer seeking an opportunity to contribute technical skills and passion for automation and cloud services in a dynamic and collaborative environment.

SUMMARY OF QUALIFICATION

1. Graduated in Associate Member of Institution of Engineers (AMIE) in **Computer Science and Engineering** under “The Institution of Engineers (India)”, Kolkata in the year 2016.
2. Diploma graduated in **Computer Science and Engineering** under the “Department of Technical Education”, Bangaluru (Govt. of Karnataka) in the year 2008.
3. **Certification Courses on:**
 - AWS Solution Architect and Devops Engineer by MicroDegree, Mangaluru.
 - CCNA 200-301: Routing and Switching by ITTC, Mangaluru.
 - MCSE in Windows Server 2012 by Edureka (Online).
 - RHCE – Linux 8 by Edureka (Online).

PROFESSIONAL EXPERIENCE

1. Working as **Cloud Support Engineer** at Saspro Technologies, Mangaluru from 01-03-2023 to till date.
2. Worked as **Assistant System Administrator** at A.J Institute of Engineering & Technology, Mangaluru from 02-12-2019 to 15-02-2023.
3. Worked as **Technical Support Executive** at St. Joseph Engineering College, Mangaluru from 01-07-2010 to 23-07-2016.

Responsibilities as Cloud Support Engineer:

- Migration of on premise windows based web projects into AWS Linux environment
- Design and develop cloud based infrastructure in AWS Cloud Service for Web Hosting.
- Develop and maintain CI/CD pipeline for efficient and reliable software deployment
- Implement internal Network security using Sophos Firewall and WAF Cloud Security in AWS.
- Web hosting through Docker and Kubernetes by generating Dockerfile, Docker-compose and Containerization of web projects.
- Assisting Developer team in Generating Databases in SQL and software / network issues.

Responsibilities as System Admin / Technical Support Executive:

- Installing, upgrading and monitoring Linux Servers like Apache2, SFTP, NFS servers and Windows servers (M.S 2012), Oracle server (Oracle11g).
- Implement and maintain network security, Backup and Restore of data, System Storage.
- Employees Biometric update, Students database maintenance in IGNUS / LMS portal
- Technical support in online exams , QuizPad OMR Evaluation, Digital Notice System.

TECHNICAL SKILLS

1. **AWS Cloud Services:** EC2, VPC, S3, EBS, Cloud Watch, API, Lambda, CloudFront, Route53
2. **Web Servers:** Apache2, Apache Tomcat, Nginx Server, EHCP(web hosting Control Panel)
3. **Databases:** MySQL, Microsoft SQL Server, DynamoDB, Amazon RDS
4. **Networking Services:** Router/Switch Configuration and Security, Network Security using Sophos Firewall, VPN and Web ACL.
5. **Devops Tools:** GitHub, Docker Hub, Jenkins Master/Slave, Ansible, Terraform, Docker / Kubernetes.

TECHNICAL PROJECTS

1. AWS Projects:

- Deploying an end to end website on AWS using EC2 Auto scaling and Load balancing, VPC, Route53, ACM services.

Github link : <https://github.com/geethagrs/aws-end-to-end-web-hosting.git>

- Deploying a Serverless Web Application on AWS using Lambda, API, S3, DynamoDB, Cloudfront and Route53, ACM services.

Github link : <https://github.com/geethagrs/AWS-Project-Serverless-Web-Application-on-AWS-cloudfront.git>

- Automatic Deployment (CI/CD) of web project on AWS using 'AWS-Developer Tools' like CodeCommit, CodeDeploy and CodePipeline.

Github link : <https://github.com/geethagrs/Devops-aws-developer-tools-project.git>

2. DevOps Projects:

- Dockerization of ERP project using Dockerfile and Docker Compose file and deploying Docker Containers in Linux Ubuntu Server.

Github link : <https://github.com/geethagrs/docker-compose-dbPDO.git>

- 2048 Game Deployment on Kubernetes using Minikube docker container Linux Ubuntu Server.

Github link : <https://github.com/geethagrs/2048-Kubernetes-minikube.git>

- AWS CloudFormation using Terraform for hosting EC2 Apache web server, VPC and Security Groups. Github link : https://github.com/geethagrs/terraform_Apache1.git

Date:

Place: Mangaluru

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