

BHAVANA KARNE

Jr Software Engineer

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📍 Hyderabad

in karnebhavana

PROFESSIONAL SUMMARY

- An IT professional with overall experience of around **2+** years in automation, configuration, deployment on Cloud environments.
- Efficient in using AWS Cloud specific services like **IAM, VPC, EC2, EBS, S3, ELB, SNS**.
- **Cloud Watch, CloudFront, Cloud Trail**, etc.
- Experience in providing infrastructure automation services within public and private cloud to build, configure, manage, and deploy multiple number of applications in different platforms like Linux/Unix & Windows operating system environments
- Setting up the **CI/CD pipeline** using **Jenkins, GitHub, and Kubernetes**.
- Worked on an end to end continuous integration/continuous delivery pipeline by integration **Jenkins + Docker and Kubernetes**.
- Implemented AWS cloud infrastructure, including **EC2** instances, **S3** storage, and **Lambda** functions to optimize application performance and scalability.
- Knowledge on **Kubernetes clusters** on **Amazon EKS** for containerized applications, ensuring, scalability, reliability, and security.
- Utilized **AWS CloudWatch** and other monitoring tools to proactively identify and address performance bottlenecks and system failures.
- Server infrastructure development and running web-scale services on AWS using **CLI/ Shell scripting**.
- Installing, configuring and monitoring different services in different virtualized environments.
- Creating Docker files, images & containers, Docker hub, installation and configuring.
- Knowledge on creating and setup of **Kubernetes cluster**
- Actively participated in the design and implementation of scalable and resilient architectures on AWS, ensuring high availability and fault tolerance
- Good client relation skills and ability to complete tasks effectively and efficiently where customer service and technical skills are required and a very good team player.

SKILLS

- **Cloud Environment:** Amazon Web Services(AWS)
- **Containerization Tools:** Docker, Kubernetes
- **Operating Systems:** Linux, UNIX, Ubuntu, etc.
- **CI/CD Tools:** Jenkins
- **Monitoring tools:** Cloud watch
- **IAC tools:** AWS CFT

PROFESSIONAL EXPERIENCE

February 2022 –
present
Hyderabad

Cognizant Technologies Solutions

- Creating servers, AMIs, storage blocks in S3, taking snapshots, VPCs, subnets, load balancing and auto-scaling in AWS.
- Expert in Cloud Technologies like Amazon Web services (AWS) VPC, EC2, S3, IAM, Route53, CloudWatch
- Knowledge on GIT and Jenkins Continuous Integration of Server-Installation, Configuration, Design and Administration, and integrating these tools with other systems
- Configured Cloud watch alerts.
- Configure and manage S3 storage. Backup & Restoration.
- Configure and manage ELBs.
- Configure and manage security groups and VPC.
- Experience in Monitoring & Health-Check of web and application server environments.
- Installing applications on Linux flavors
- Scheduling the jobs and analyzing Cron jobs status

PROJECT

Cargill Non Trading AMS

- Client: Cargill
- Environment: Production
- Role: ERP App Support Analyst

Description:

Cargill is a major player in the global food and agriculture industry, and it continues to innovate and adapt to changing market conditions and consumer preferences.

EDUCATION

MCA (Master of Computer Applications)

- Pursing MCA From Lovely Professional University

B.SC (Computer Science)

- Completed B.sc From Osmania University in 2022 with 90%