**Narmatha N**

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| **Synopsis**: Having 6+ years of Experience in IT industry. Relevant experience of 3.5 years as AWS DevOps Engineer in supporting, automating, monitoring and optimizing mission critical deployment in AWS, leveraging configuration management, CI/CD and DevOps processes. | |
| **EXPERIENCE SUMMARY** | **Areas of Experience**  **Industries**  Healthcare  **Applications**  AWS DevOps  **Operating Systems**  Windows, Linux  **Tools**  Git, GitHub, Jenkins, Terraform, Ansible, Docker, SonarQube, Maven, Nexus, Trivy, Kubernetes.  **Web and App Sever**  Apache httpd, Apache tomcat  **Scripting Languages**  Bash, Python  **Query Languages**  SQL  **Ticketing Tool**  ServiceNow |
| * Overall 6+ years of experience in IT industry. 3.5 years of experience in AWS DevOps. * Having Good experience in Amazon Web Services environment and good knowledge of AWS services like Elastic Compute Cloud (EC2), Elastic Load Balancers, IAM, S3, Cloud Front, RDS, VPC, Route53, Cloud Watch, Cloud Formation. * Setup/Managing Linux Servers/ Windows server / Ubuntu servers on AmazonEC2. * Implementation of NAT gateways for Webapps hosted in private subnets. * Setup and configured EIP to EC2 instances. Created Alarms and notifications for EC2 instances using Cloud Watch. * Designing and Deploying Highly scalable infrastructure using ELB and Auto Scaling services. Setup and manage security groups, VPC specific to environment. * Created S3 buckets and managed policies for them and Utilized S3 bucket and Glacier for storage and backup on AWS. * Created AMI images of critical EC2 instances as backup using AWS CLI and GUI. Utilize EBS to store persistent data and mitigate failure by using snapshots. * Hands on experience of handling tomcat servers and Apache web servers. * Worked on Jenkins by installing, configuring and maintaining for continuous integration (CI) and for End-to-End automation for all build and deployments. * Managed GitHub repositories and permissions, including branching and tagging. * Used maven for building and packaging the application. * Code quality report generations and static code analysis is done through sonar. * Deployed and maintained artifacts using nexus repositories. * Used Ansible for Configuration Management and deployment through tomcat servers. * Involved in creating Docker Images by writing custom Docker File. * Handled Docker images through Docker hub. * Deployed application through Docker container and maintaining it. * Good Knowledge in K8s and writing yaml file for deployment. * Monitor the sites and applications and provide support for any issues. * Work with Dev, QA and PO team to regularly receive updates about the project and applications. * Continuous monitoring of applications and sites for seamless customer experience. * Hands on experience in SQL. * Good knowledge in HTML page creation. * Good Knowledge in Apache Airflow * Basic idea about azure cloud and azure devops. |

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| **QUALIFICATION** | | |
| **Degree** | **Institute** | **Year** |
| B.E(Bachelor of Engineering-EEE) | Mepco Schlenk Engineering College | 2018 |

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| **CERTIFICATION** | | |
| **Certification** | **Institute** | **Year** |
| AWS Cloud Practitioner |  | Sep-2022-Jan2026 |
| AWS Solution Architect - Associate |  | Jan-2023- Jan 2026 |
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| **Worked with HCL Technology From Jan 2022 to Jun 2024** | |
| **PROJECT EXPERIENCE** | |
| **Project Name** | : MSD automation |
| **Role** | : DevOps engineer |
| **Duration** | : Jan 2022 to Jun 2024 |
| **Tools Used** | : Jenkins, Ansible, Git, GitHub, Terraform, Docker, Maven, SonarQube, Nexus. |

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| **Roles and Responsibilities** |
| * Create and maintain fully automated CI/CD pipelines for Code deployment. * Automated build and deployment using Jenkins to reduce human error and speed up production processes. * Managed GitHub repositories and permissions, including branching and tagging. * Used Maven tools for building applications and nexus to maintain the artifacts. * Done code quality test through SonarQube and published the report. * Containerizing applications with Docker. Responsible for managing the Docker private registry and having good knowledge of maintaining containers using K8s. * Performed vulnerabilities test using trivy for Docker images. * Used terraform modules to create infrastructure. * Maintained Patching management and installation of software through ansible playbook. * Manage and configure AWS services as per the business needs (ELB, Route53, S3, CloudWatch, IAM, VPC) Experienced in creating complex IAM policies, Roles and user management for access within AWS. * Actively manage, improve, and monitor cloud infrastructure on AWS, EC2 including backups, patches and scaling. * Used Ansible for Configuration Management, patching management and have good knowledge of writing Playbooks. * Setup/Managing VPC, Subnets, make connection between different zones blocking suspicious ip /subnet via ACL. * Setup/Managing CDN on Amazon Cloud Front to improve site performance. * Creating/ Managing AMI/ Snapshots/ Volumes, Upgrade/ downgrade AWS resources (CPU, Memory, EBS). * Created volumes and attached volumes on to EC2instances. * Utilized Cloud Watch to monitor resources such as EC2, CPU memory, EBS volumes to set alarms for notification or automated actions; and to monitor logs for a better understanding and operation of the system. Attaching or Detaching EBS volume to AWS EC2 instance. |

| **Worked with Salzer From Jan 2021 to Dec 2021** | |
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| **Project Name** | : Turnwell |
| **Role** | : Engineer |
| **Environment** | : AWS |
| **Duration** | : Jan 2021 to Dec 2021 |

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| **Roles and Responsibilities** |
| * Deploying applications in AWS using EC2 instances and Elastic Beanstalk. * Manage and configure AWS services as per the business needs (ELB, Route53, S3, Cloud Watch, IAM, VPC) in Global infrastructure. * Working experience on operating systems like Windows, Linux. * Created volumes and attached them to EC2 instance as per business need. * Maintaining VPC, Subnet, IGW, NAT gateway, and VPC peering. * Utilized CloudWatch to monitor resources such as EC2, CPU memory, EBS. * Experienced in creating complex IAM policies, Roles and user management for access with AWS. * Setup and configured EIP to EC2 instances. Created Alarms and notifications for EC2 instances using Cloud Watch. * Created S3 buckets and managed policies for them and Utilized S3 bucket and Glacier for storage and backup on AWS. * Created webhosting using S3 and EC2 instances. * Deployed static application through tomcat servers. * Created MySQL database for 3 tier architecture and maintained that database. * Actively participating in daily, weekly and monthly meetings with on-site & offshore team. |

| **Worked with Salzer From May 2018 to Dec 2020** | |
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| **Project Name** | : OSI Support |
| **Role** | : Engineer |
| **Environment** | : OSISOFT PI |
| **Duration** | : May 2018 to Dec 2020 |

| **Roles and Responsibilities** |
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| * Create and maintain documentation related to OSI PI system configurations, troubleshooting procedures, and best practices. * Implement and maintain security measures to protect OSI PI systems and data, ensuring compliance with organizational security policies. * Plan and execute upgrades of OSI PI software components, ensuring minimal disruption to ongoing operations. Apply patches and updates to keep the system secure and up to date. * Develop custom solutions or scripts to address specific requirements or enhance the functionality of OSI PI applications. * Collaborate with other IT teams, such as network, database, and application support teams, to ensure the overall health and integration of the OSI PI system. * Analyze and optimize the performance of OSI PI infrastructure to ensure efficient data retrieval and storage. Participate in on-call rotations to address emergency situations and system outages outside regular business hours. |

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About Hexaware

Hexaware is a global technology and business process services company. Our 28,400 Hexawarians wake up every day with a singular purpose; to create smiles through great people and technology. With this purpose gaining momentum, we are well on our way to realizing our vision of being the most loved digital transformation partner in the world. We also seek to protect the planet and build a better tomorrow for our customers, employees, partners, investors, and the communities in which we operate.

With 45+ offices in 19 countries, we empower enterprises worldwide to realize digital transformation at scale and speed by partnering with them to build, transform, run, and optimize their technology and business processes.

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