# ABOUT ME

Madhava Reddy Bonam

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Around 3 years of IT experience with current role as DevOps Engineer in supporting and automating deployment process. I am experienced in all aspects of the software development life cycle including Requirement gathering, Planning, Testing, and Maintenance. Rich exposure to release operations and meeting customer deadlines for network domain product delivery.

# EDUCATION

## Bachelor of Technology in Mechanical Engineering *May 2020*

Koneru Lakshmaiah Education Foundation, Vijayawada (CGPA: 8.58)

# EXPERIENCE

**Dhyan Networks and Technologies |** *Software Engineer* August 2021 – May 2024 | Chennai, India

* Implemented multi-region AWS infrastructure for high availability and fault tolerance. The following AWS services are used for building the infrastructure: VPC, Route 53, EC2, Auto Scaling, S3, RDS, EBS, IAM, ELB, SNS….
* Involved in CICD pipeline implementation.
* Used Maven dependency management system to deploy release artifacts to Nexus server.
* Configured and maintained Jenkins to implement the CI process and integrated the tool with Ant and Maven to schedule the builds.
* Working with docker files, Images and containers.
* Dockerized 3-tier application.
* Discussion with Client on the issues and new features that are reported and maintaining a proper documentation for further use.
* Keeping the application up 24/7 and working with development team, to resolve application related issues.
* Supported in Testing activities such as Creating Test plan, Test reports and performing Regression testing on the build.
* Supported development tasks and bug fixes as needed.

# TECHNICAL SKILLS

**AWS Services**: IAM, VPC, EC2, EBS, ELB, S3, Auto Scaling, Route 53, Cloud Watch, EFS, SNS…

**Source Code Management**: Git, GitHub

**Containerization tool**: Docker

**Continuous integration:** Jenkins **Configuration Management:** Ansible **Infrastructure as a Code:** Terraform **Bug Tracking tool**: Bugzilla, JIRA **Operating system**: Linux

**Security Scan tool**: Dependency Track

**Data Warehousing platform**: Snowflake

# ROLES AND RESPONSIBILITIES

* Creating IAM users, EC2 instances and other resources based on requests and requirements.
* Collecting requirements from client and reviewing the requirements, specifications and preparing design documents.
* Driving calls with client to review weekly issues and new features that are need to be supported in the application.
* Ensuring the product release activities and delivery of the build to the client with exceptional quality.
* Frequently creating SBOM on latest build and perform security scan to identify latest vulnerabilities and share the results to client.
* Supported in fixing the security vulnerabilities as needed.