

CHALLA MADHAVARAO

DevOps Engineer

• Mobile No: +91- 9505511851 • E-mail: challa.madhavarao2016@gmail.com • Hyderabad, India
 [LinkedIn](#)  [GitHub](#)  [Portfolio](#)

CARRER OBJECTIVE:

Seeking a challenging position as a DevOps AWS Cloud Engineer where I can leverage my skills in cloud computing, automation, and software development to contribute to the success of the organization while continuously learning and growing in a dynamic environment.

EDUCATION:

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|---|-------------|
| B.Sc. Mathematics, Physics, Chemistry Govt Degree college , Chodavaram | 2019 - 2023 |
| M.P.C. Mathematics, Physics, Chemistry Govt Intermediate College , Vaddadi | 2017 – 2019 |
| S.S.C. Govt High School, Vaddadi | 2016 – 2017 |

TECHNICAL SKILLS:

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|---------------------------------|---|
| • Cloud Platforms: | Amazon Web Services (AWS) |
| • Automation Tools: | Ansible, Terraform |
| • CI/CD Tools: | Jenkins |
| • Containerization: | Docker, Kubernetes, Docker Swarm |
| • Version Control: | Git |
| • Monitoring Tools: | Amazon CloudWatch, Prometheus, Grafana |
| • Database Technologies: | AWS RDS |
| • Operating Systems: | Linux (Ubuntu, CentOS, Red-hat), Windows |

PROJECT:

Project Overview: Developed a CI/CD pipeline that automates the code integration and deployment process for a Java-based application using industry-standard DevOps tools.

Key Responsibilities:

- Configured Jenkins to **automatically download** updates from a GitHub repository using Maven as a build tool.
- Created Jenkins pipelines to **build artifacts** and compile a custom Docker image using a Dockerfile.
- Automated the upload of the Docker image to **Docker Hub** for version control and distribution.
- Designed Ansible playbooks to deploy the **Docker image** across multiple servers, ensuring consistent and scalable application deployment.
- Implemented Ansible roles on the Ansible server to manage **container orchestration** and deployment tasks efficiently.
- Integrated Selenium tests within the Jenkins pipeline to **validate application functionality** post-deployment.
- Utilized **Kubernetes** to manage containerized applications, creating deployment manifests and service definitions to **ensure high availability and load balancing**.

ADDITIONAL SKILLS:

- Communication skills
- Critical thinking skills
- Project management skills
- Time Management

LANGUAGES:

- English, Telugu