

# Maheedhar Atmakuru

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## COMPUTER & TECHNICAL SKILLS

<b>Operating System</b>	Linux
<b>Version Control tools</b>	Git, GitHub
<b>Build Tools</b>	Maven, NodeJS
<b>Continuous Integration tools</b>	Jenkins
<b>Configuration Management Tools</b>	Ansible
<b>Monitoring tools</b>	ELK & Prometheus
<b>Cloud Platforms</b>	AWS
<b>Scripting Languages</b>	SHELL BASH
<b>Iaas Tools</b>	Terraform, Dockerfile
<b>Containerization</b>	Docker & Kubernetes

## EDUCATION

**University Of Cincinnati, Cincinnati, Ohio**

Anticipated Graduation: 12/24

Master of Science: Information Technology | Track: Cloud Computing

**Anna University, Chennai, INDIA**

Bachelor of Engineering: Electrical and Electronics (EEE)

Graduated: 2021

## PROFESSIONAL AND TECHNICAL WORK EXPERIENCE

### Project 1:

Client	: Jaquar India Pvt. Ltd	12/22 – 08/23
Details	: Manufacturing	
Role	: Devops Engineer	
Tools/Environment	: GIT, Ansible, Jenkins, Tomcat, Maven, Docker, Ubuntu, Linux, AWS EC2	

### Responsibilities:

- Proficient in scripting languages like Shell Scripting.
- Experienced in source control tools such as Git and GitHub.
- Skilled in containerization using Docker, including managing Docker private registries and setting up local development environments.
- Hands-on experience in automating code building and deployment across different environments (Dev, QA, Prod) using tools like Jenkins and CloudFormation.
- Implemented Jenkins for Continuous Integration and deployment into Tomcat Application Server.
- Proficient in managing Git repositories, including user management, branching, tagging, and pull requests.
- Monitored and ensured the correctness of the automated build and continuous integration process.
- Designed, built, and maintained automated build/release pipelines from development to production while ensuring compliance with internal audit standards.

### Project 2:

Client	: Gujarat Teleservices Pvt.Ltd	07/21 – 12/22
Details	: Telecommunication	
Role	: Cloud Engineer	
Tools/Environment	: Oracle Cloud, GIT, Oracle VBCS, Oracle 19c DB	

### Responsibilities:

- Spearheaded the development of seamless integrations between cloud applications and Amazon E-commerce portal facilitating efficient data exchange and workflow automation for companies like EXIDE Industries UK and Enphase Energy California.

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- Designed and implemented highly available and scalable architectures in dynamic environments, ensuring optimal performance and reliability for cloud-based applications such as the custom Warehouse Management System (WMS) for Jaquar India Pvt. Ltd.
- Took ownership of automation improvements, problem resolution, and root cause analysis, orchestrating frameworks for software deployments in production and non-production environments, akin to orchestrating integrations with E-commerce portals like AMAZON for Terex Corporation.
- Demonstrated excellent analytical skills and communication abilities, collaborating effectively with diverse teams, documenting processes, and maintaining documentation for reference and knowledge sharing, ensuring smooth collaboration and knowledge transfer within the organization.

## TECHNICAL PROJECTS

Project Experience: [RobotShop E-commerce Platform](#)

Spring 2024

### Project Overview:

RobotShop stands as an innovative e-commerce platform meticulously crafted to serve as both a learning vehicle for Cloud & DevOps practices and a showcase of comprehensive production use cases. Embracing a microservices architecture, it not only delivers a diverse array of functionalities but also offers a hands-on exploration of cutting-edge technologies.

### Key Highlights:

- **Microservices Architecture:** Led the development of a microservices-based architecture comprising 6 backend components, 4 databases, and a frontend server. Leveraged microservices to promote scalability, flexibility, and technology diversity.
- **Cloud Hosting:** Orchestrated the deployment of RobotShop on AWS Cloud, utilizing 11 EC2 servers. Implemented NGINX as a web server and reverse proxy to manage incoming requests efficiently.
- **Technological Diversity:** Oversaw the implementation of various technologies across components, providing developers with the freedom to choose technologies aligned with project requirements and preferences.
- **Real-world Application:** Designed RobotShop to emulate real-world e-commerce scenarios, offering practical insights into industry-standard practices and challenges.
- **DevOps Integration:** Integrated DevOps practices, including automation, continuous integration, and deployment pipelines, to streamline development and operations workflows effectively.
- **Scalability and Resilience:** Implemented features such as load balancing, fault tolerance, and redundancy to ensure the scalability and resilience of the platform, essential for handling dynamic e-commerce demands.
- **Database Management:** Strategically selected and managed databases based on specific use cases and data requirements, optimizing performance and data integrity across the platform.

## CERTIFICATIONS

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|--|--------------|
| 1. AWS Certified Cloud Practitioner  | - March 2024 |
| 2. Oracle Cloud Infrastructure 2023 Certified Application Integration Professional | - June 2023  |
| 3. Oracle Cloud Platform Application Development 2021 Certified Associate          | - Dec 2021   |