

# SHUBHAM DATTATRAYA MANGALWEDHEKAR

## DevOps Support Engineer

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### Summary

I am a skilled DevOps Support Engineer with a strong background in deploying and maintaining network functions applications using MANO architecture and containerization. I specialize in automating environments with tools like Docker and Ansible, ensuring optimal system performance. Skilled in troubleshooting technical issues and supporting telecom solutions with strong teamwork and clear documentation.

### Skills

Skills:

Linux, Docker, AWS ( EC2, IAM, RDS, S3 ), Git, GitBash, Bash, Ansible Playbooks, Log Analysis, Jenkins, Wireshark, Postman, Maven, Tomcat, SQL, Python, Kubernetes ( basic level ).

### Experience

JPL - Jio Platforms Limited

Mumbai, India




DevOps Support Engineer

07/2022 - 04/2025

Company focus on telecommunications and IT services

- Supported application deployments using **Docker** in the IOT and Production environment.
- Assisted in monitoring container performance and resolving basic service issues using logs and health checks.
- Contributed to simple **CI/CD tasks** like **triggering builds, updating Jenkins jobs, and checking pipeline logs**.
- Used **Ansible** to check if systems were ready for deploying applications through Docker and ensure consistent setups across environments.
- Helped investigate issues by checking logs, reviewing configurations, and reporting problems to relevant teams via **Wireshark**
- Coordinated with senior DevOps and QA teams during **deployments, testing phases, and issue tracking**.
- Maintained basic documentation like deployment steps, checklists, and known issue logs to support operations.
- Currently pursuing a **course in AWS and DevOps tools** to deepen cloud and CI/CD knowledge

### Projects

 <b>5G Network Apps Deployment Automation</b> [July 2022- April 2025]  Assisted in application deployment using DevOps tools, supporting environment setup and ensuring smooth delivery.	 <b>CNOPS Project Implimentation.</b> [July 2022- April 2025]  Managed Docker containers operations such as monitoring and health checks. Performed operations without accessing containers directly by using Ansible playbooks.	 <b>SDN (Software-Defined Networking Functions):</b> [July 2022- April 2025]  End-to-end node-level connections and testing.
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### Testing & Validation Tasks

Applications QA Testing

Mumbai, India

07/2022 - 04/2025

QA testing and collaboration for deployment of 5G applications

- Collaborated with development and network function ( NF Dev-QA ) teams for **bug tracking, release coordination, Enhancements and production deployments** aligned with **MANO ( Management and Orchestration ) architecture principles**
- Gained hands-on experience with **microservices architecture**, performing **call flow validation, basic functionality testing**, and supporting service lifecycle operations.
- Performed comprehensive **functional, integration** and QA testing of **microservice** based applications in **Dockerized environments**.
- Conducted **API testing with Postman** and validated microservice communication within **SDN, CNOPS, and MANO architecture layers**.
- Created test plans and automated test cases; executed regression testing across IoT, Replica, and Production setups to ensure release stability.
- Able to write Ansible Playbooks for basic automation tasks, Knowledge of Shell Scripting for routine operations and task automation
- Familiar with Tomcat and Maven for application deployment and build processes