

# SHWETHA MARAN

## DEVOPS ENGINEER

📍 Chennai, India

🌐 [www.shwetha.github.io](http://www.shwetha.github.io)

### CONTACT ME AT



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### SUMMARY

Experienced and adaptable professional in Computer Science with a proven track record in diverse technical environments, particularly adapt in DevOps technologies. Skilled in managing complex projects, fostering team collaboration, and driving innovation through automation and best practices. Seeking a dynamic role where I can leverage my expertise in DevOps methodologies to deliver scalable and impactful solutions while continuing to expand my knowledge and contribute to organizational success.



### WORK EXPERIENCE

#### Devops Engineer

[Tata Consultancy Services](#) | [Apr 2024 - Present](#)

- Coordinated the migration of legacy projects to a modern DevOps approach, incorporating continuous integration and deployment best practices.
- Integrated SonarQube for automated code quality analysis and optimized CI/CD pipelines using Azure DevOps and GitLab.
- Streamlined deployment workflows using JFrog for efficient artifact management and distribution.
- Leveraged GitLab features such as CI/CD pipelines, Version Control, and Auto DevOps to enhance development speed and collaboration across teams.
- Containerized applications using Docker, ensuring consistent environments and improved scalability.
- Managed and resolved client tickets related to access and authentication issues, providing secure access control and troubleshooting support.
- Guided teams in adopting DevOps security practices, ensuring enhanced code quality, security, and seamless automation across the pipeline.

#### Devops Engineer

[Ramboll](#) | [Jun 2022 - Apr 2024](#)

- Led migration of existing projects to a DevOps approach, implementing industry best practices for continuous integration and deployment.
- Integrated SonarQube for enhanced code quality and automated CI/CD pipelines using Azure DevOps and GitLab.
- Utilized JFrog for artifact management, ensuring streamlined deployment workflows.
- Leveraged GitLab features like CI/CD pipelines, Version Control, and Auto DevOps to streamline development processes and improve team collaboration.
- Containerized applications using Docker, improving scalability, portability, and consistency across environments.
- Advised and onboarded teams in adopting DevOps security practices, optimizing project security and code quality through automation.

### EDUCATION

#### Masters of Business Administration

[Loyola College](#)

[Mar 2019 - Dec 2021](#)

#### Bachelor of Commerce

[SDNB VAISHNAV COLLEGE](#)

[Aug 2015 - Mar 2018](#)

### SKILLS

**Programming & scripting Languages:** Python, Bash scripting

**Version Control:** Git, Github, Gitlab

**CI/CD:** Jenkins, Github Actions, Azure Devops

**Cloud Providers:** AWS, Azure Cloud

**Operating Systems:** Linux, Windows

**Devops Technologies :** Docker, Kubernetes, Teraform

### CERTIFICATIONS

- ▶ Azure Fundamentals by Simplilearn
- ▶ Docker Essentials by IBM
- ▶ Cloud Essentials by IBM
- ▶ Kubernetes and Containers Essential
- ▶ Opensource Foundations

### PROJECTS

#### ▶ Docker Deployment Automation on Render Using GitHub Actions

- Developed a Docker application and configured a CI/CD pipeline using GitHub Actions for automated deployment to Render.
- Leveraged Docker to ensure consistent application environments and streamlined the deployment process, reducing manual intervention.
- Integrated GitHub with Render for seamless updates and optimized deployment times, enhancing application accessibility and reliability.

#### ▶ Automated Docker Deployment Using GitHub Actions Self-Hosted Runner on AWS

- Implemented a self-hosted GitHub Actions runner on AWS EC2 to enhance CI/CD pipeline efficiency for Docker applications.
- Configured and deployed Dockerized applications using GitHub Actions, ensuring a streamlined and automated deployment process on AWS.
- Optimized the self-hosted runner for improved performance, enabling faster build times and greater control over the CI/CD workflow.