

# Swapnil Sarjerao Dhokchaule

## DevOps Engineer

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### About:

Highly motivated and results-oriented fresher with a strong passion for DevOps, Cloud and a solid foundation in automating and streamlining IT processes. Eager to leverage technical skills and knowledge to contribute to building and maintaining efficient, reliable and scalable infrastructure in a motivated and fast-paced environment.

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### Technical Skills:

- **Operating Systems:** Linux (Ubuntu, RHEL), Windows
  - **Version Control:** Git, GitHub
  - **Scripting Languages:** Bash Scripting, Python
  - **Configuration Management:** Ansible
  - **Containerisation Technologies:** Docker, Kubernetes
  - **CI/CD Pipeline:** Jenkins
  - **Infrastructure Automation:** Terraform
  - **Cloud Platforms:** AWS
  - **Networking:** TCP/IP, DNS, HTTP/S, FTP, LDAP, SMTP, IMAP, POP, networking devices
  - **Other:** Generative AI(ChatGPT, Gemini), IT Support, Cybersecurity
  - **Monitoring & Security:** Awareness of secure coding practices, troubleshooting, and compliance
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### Projects:

1. **Automated AWS resources listing using shell scripting:-** Automated the process of listing AWS resources (like EC2 instances, S3 buckets, etc.) using AWS CLI commands within a shell script. It provides a streamlined way to inventory and manage AWS resources, enhancing efficiency and reducing manual effort. [GitHub](#)
  2. **Docker Workflow Automation using shell scripting:** This project automates common Docker operations using shell scripting, enabling efficient container management. It provides an interactive menu-based interface to perform tasks like listing, starting, stopping, and removing containers; managing Docker images; and handling volumes and networks. The script enhances productivity by streamlining repetitive Docker commands and includes error handling to ensure robust execution. [GitHub](#)
  3. **Automated web application Deployment using Ansible:**
  4. **Simple CI/CD Pipeline for Web Application:** Implemented a CI/CD pipeline using Jenkins to automate the build, test, and deployment of a containerized web application. Configured Docker to create and push images to Docker Hub and deployed the application to a Kubernetes cluster for scalability and reliability. The pipeline improved delivery speed and reduced manual intervention.
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### Education:

- **B. E.** | Savitribai Phule Pune University | 2018 - 2022 | Score: **8.54 CGPA**
  - **H.S.C. (12th)** | Maharashtra State Board | 2017 - 2018 | Score: **78 %**
  - **S.S.C. (10th)** | Maharashtra State Board | 2015 - 2016 | Score: **86.80 %**
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### Certifications:

1. **Introduction to Cloud Computing** (Edx)
2. **Google IT Support Professional Certificate** (Coursera)
3. **Google AI Essentials** (Coursera)
4. **Google Cybersecurity Professional Certificate** (Coursera) (In progress)

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**Training:**

1. **DevOps with AWS | Durgasoft Software Solutions** | Duration:1.3+ Years
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**Soft Skills:**

- Quick Learner
- Self Motivated
- Adaptability
- Flexibility

**Hobbies:**

- Watching YouTube videos mostly related to DevOps and Cloud
- Learn something new
- Walking, Exercise
- Watching Science fiction movies