

NEHAL INGOLE

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I graduated from the Government College of Engineering, Karad, in 2023, with expertise in UI/UX design and DevOps. Skilled in AWS, Docker orchestration, and cybersecurity, I focus on automating and securing cloud environments. Passionate about DevOps I have authored over 72 blog posts and continuously adopted new technologies to drive innovation.

Technical Skills

AWS | GitLab | Docker | Ansible | Jenkins | Kubernetes | Git/GitHub | Linux | Terraform | JavaScript | React Native | Networking | GCP | CI/CD

Soft Skills

Team Lead | Good Learner | Blogger | Troubleshooter

Work Experience

ALIF View Media | Developer **Mar'24 - Present**

- Developed a complete website for ALIF, boosting traffic by 25%.
- Designed a load management system with DevOps, reducing server downtime by 25% and maintaining 99.9% uptime.

Summer Program on MLOps | [Project](#) **May'21 - Aug'21**

- Completed 10+ MLOps projects, demonstrating skills in deploying, monitoring, and scaling machine learning models.
- Built a Flutter app for Docker and Kubernetes management, enhancing container orchestration and deployments.

LinuxWorld Informatics Pvt.Ltd | [Trainee](#) **Sept'20 - Aug'21**

- Worked on Kubernetes, Jenkins, Docker, and 6+ tools.
- Increased productive security by 2% and minimized project costs by 10%.

CodeNautics Technologies | Internship **Aug'21 - Aug'21**

- Developed IoT solutions using Python for 50+ devices, improving real-time data processing and cloud integration by 30%.
- Automated IoT device communication via MQTT/HTTP, reducing data transfer time by 20% while ensuring 100% secure transmission.

Projects

Own GitHub with Dev | [Demo](#) **March 2024**

- Engineered a GitHub-like platform using AWS and Docker, boosting performance by 20%.
- Reduced deployment time by 40% and lower infrastructure costs by 25% with a custom AWS-Docker solution.

HLS Adaptive Bitrate Streaming | [Demo](#) **June 2024**

- Implemented HLS streaming with Docker and AWS, ensuring 99.9% uptime and seamless video delivery.
- Utilized Docker and AWS S3 for storage, enhancing scalability and reliability.

Automating Docker Container Deployments to AWS ECR using GitHub Actions [Demo](#) **Jan 2024**

- Successfully implemented an automated workflow that reduced deployment time by 40% by integrating Docker with AWS ECR using GitHub Actions, enhancing efficiency and minimizing manual intervention.
- Developed and maintained robust CI/CD pipelines for cloud-based environments, leveraging GitHub Actions and Docker, resulting in a 30% improvement in deployment speed and reliability.

Terraform with Spotify [Demo](#) **May 2022**

- Streamlined infrastructure provisioning for music streaming apps, increasing deployment efficiency by 35%.
- Applied Infrastructure as Code (IaC) with Terraform and AWS, cutting costs by 20% and ensuring zero downtime.

Automate AWS using Face Recognition [Demo](#) **June 2021**

- Automated AWS services with Face Recognition, enhancing security by 30% and improving workflow efficiency by 20%.
- Achieved 100% accuracy in facial recognition, ensuring reliable and swift response times.

Certification

- Oracle Certified Foundation Associate
- AWS Cloud Practitioner Essentials
- Arth - The School of Technologies
- Aviatrix Certified Engineer- Multi-Cloud Network Associate Complete