SACHITR RAZDAN

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https://sachitrrazdan1710.github.io/Portfolio/

SUMMARY

Aspiring DevOps Engineer with hands-onexperience in Docker, Kubernetes, Jenkins, Python scripting, and AWS Cloud. Skilled in automating deployments, managing containerized applications, and building CI/CD pipelines to deliver scalable and reliable solutions.

SKILLS AND CERTIFICATION

- Devops
- Docker
- Kubernetes
- GIT
- AWS
- Cloud
- Ansible
- CI/CD
- Terraform

EXPERIENCE

INTERNSHIPS

Cloudzenia | DevOps Engineer   Sep 2025 - Present

- Assisted in designing, deploying, and managing cloud infrastructure using AWS services, ensuring efficient CI/CD pipeline implementation.
- Automated deployment processes and monitored system performance, contributing to optimized application reliability and scalability.

ToTheNew | BuisnessAnalyst   Jan 2025 - Apr2025

- Enhanced deployment readiness by collaborating with cross-functional teams to develop and optimize application modules, improving release efficiency by 20%. Maintained system stability by logging and tracking 20+ bugs,
- coordinating timely fixes, and recommending 3+ process improvements aligned with CI/CD best practices.

BlockOn Ventures | Software Engineer   May 2024 - Jul 2024

- Automated end-to-end deployments by designing BuddyWorks CI/CD pipelines with GitHub webhooks, Docker image builds, SonarQube checks, and Kubernetes deployments.
- Improved release speed by 40% and enhanced system reliability with Prometheus-based monitoring and proactive issue detection.

Sopra Steria | Software Engineer   Jun 2022 - Jul 2022

- Developed a YouTube clone frontend and containerized it using Docker for easy distribution and deployment.
- Streamlined collaboration by sharing the Docker image with other teams, enabling faster and consistent environment setup.

NEC Corporation | Software Engineer   Jun 2022 - Jul 2022

- Automated deployment testing by integrating containerized staging environments and vulnerability scans into CI/CD workflows.

EDUCATION

Master of Computer Application	Amity University	2023-2025
Bachelor's of Science in InformationTechnology	Amity University	2020-2023

PROJECTS

Driver Drowsiness Detection Using IoT and Machine Learning

- Engineered an IoT-powered driver fatigue detection solution leveraging Raspberry Pi, EAR-based facial landmark tracking, and integrated sensors (vibration, alcohol MQ-3, seat belt IR).
- Containerized the application with Docker to ensure reproducible deployments, streamlined testing, and rapid demonstrations across diverse environments.

Online Photo Gallery

- Built a MERN-stack e-commerce photo gallery with user authentication, profile management, product APIs, and category-based filtering for seamless browsing and purchases.
- Containerized the application with Docker, configured Nginx reverse proxy, and orchestrated services using Docker Compose to enable consistent multi-environment deployments.

RESEARCH PUBLICATION

- **Smart Waste Management Using IoT**: Published in **ICACTCE'24**, Lecture Notes in Networks and Systems, Vol. 1312, Springer. Presented on 11 July 2025. Co-authored with Shubham Kumar, Sarvesh Tanwar, et al.