# ALANKRITA MOHAPATRA
## Devops/SRE Engineer

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## PROFILE SUMMARY

DevOps Engineer with 3+ years of experience in automating deployments, managing incidents, and configuring cloud infrastructure using Azure Pipelines, Docker, Kubernetes, and Terraform. Skilled in server monitoring and building scalable systems.

## EDUCATION

**College of Engineering And Technology**                                                                        Bhubaneswar, India
Bachelor of Technology (Instrumentation and Electronics); CGPA: 7.95                           **August 2017 - May 2021**

## SKILLS SUMMARY

**DevOps & Infrastructure:** Docker, Kubernetes, Helm, Terraform, CI/CD Pipelines, Keycloak, GitHub, CNVault

**Cloud Services:** Microsoft Azure, AWS, Azure DevOps, Docker Registry

**Scripting & Automation:** Bash, Linux Commands, Python
**Frontend Development:** React.js, JavaScript, Redux, Tailwind CSS

## WORK EXPERIENCE

**Application Development Analyst  (Devops Engineer)  | ACCENTURE**
**March  2022- Present**

Devops experience

- ○ Containerization and Orchestration: Deployed and managed applications using Docker, Kubernetes, and Helm charts across AWS and Azure environments.
- ○ Automated MongoDB script execution for 2000+ databases using Helm, Kubernetes, and Azure DevOps pipelines, improving deployment efficiency by 90% through CI/CD integration.
- ○ Mitigated SAST, DAST, container and security header vulnerabilities by building hardened Docker images and deploying them via CI/CD pipelines.
- ○ Implemented monitoring and alerting for pipeline health and performance using Prometheus and Grafana.
- ○ Configured automated environment backups using S3 buckets, managed access with IAM roles, and set up webhooks for real-time notifications via Microsoft Teams.
- ○ Provisioned custom DNS records using AWS Route53 for cloud environments and configured SSL certificates on the server for secure HTTPS communication.
- ○ Infrastructure as Code: Implemented Terraform for cloud infrastructure provisioning and automation.

Frontend experience

- ○ Independently worked on creating a configuration page to perform CRUD operations on data fetched from MongoDB.
- ○ Developed MicroFrontend architecture for modular web applications in React.js, improving scalability and independent deployments.

## PROJECTS

**CI/CD Portfolio Website**
- ○ Developed and deployed a personal portfolio using HTML5, CSS3, and JavaScript with responsive design and mobile-first principles.
- ○ Configured CI/CD pipeline using GitHub Actions for automated testing, linting and deployment, ensuring code quality and version control.

**Food Ordering App (Foodie.co) | LINK**
- ○ Built a React.js food ordering app with Swiggy API integration, using Redux for state/cart management and optimizing performance with lazy loading and API caching.
- ○ Deployed using Docker on a local Kubernetes cluster with Ingress setup, service discovery, and load balancing for efficient traffic management.

**Weather App (SkyCast) | LINK**
- ○ Built and deployed a weather app using React.js, Tailwind CSS, and Redux on Vercel, with weather API integration and performance optimizations like lazy loading and caching.

## CERTIFICATION

**AZ-900 | AZ-104 | AZ-400  | CERTIFICATES**