

AKSHAY DHONGADE

DEVOPS ENGINEER | CLOUD ENGINEER | FRONTEND DEVELOPER

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SUMMARY

Enthusiastic professional with expertise in cloud technologies, DevOps tools, and front-end development. Skilled in designing scalable systems, automating workflows, and delivering impactful solutions. Adept at collaborating with teams and learning new technologies to drive innovation and efficiency.

SKILLS

- **Cloud Technologies:** AWS (EC2, S3, RDS, EKS, ECR, VPC, IAM, ROUTE53, CloudFront, Cloudwatch)
- **DevOps Tools:** Docker, Kubernetes, Jenkins, Terraform, Git, GitHub
- **Programming & Scripting:** Python, Shell Scripting
- **Database Management:** SQL
- **Web Development:** React.js, Node.js, HTML, CSS, JavaScript, Bootstrap
- **Operating Systems:** Linux

WORK EXPERIENCE

Hisan Labs (DevOps Intern)

May 2024 - Dec 2024

- Implemented Git workflows to streamline version control and reduce merge conflicts.
- Built, tested, and deployed Docker containers for development and production environments to ensure a consistent deployment process.
- Deployed and monitored Kubernetes applications by configuring pods, services, and ingresses to maintain application availability.
- Automated infrastructure provisioning and resource management using Terraform to improve deployment efficiency.
- Configured and optimized Jenkins CI/CD pipelines, integrating tools like Maven for automated builds and deployments.
- Monitored cloud resources using AWS CloudWatch, setting up alarms and metrics to proactively resolve critical issues.
- Performed Linux system administration tasks, including performance optimization, user account management, and file system maintenance.
- Coordinated with cross-functional teams to debug and resolve system issues, minimizing downtime during deployments.

Freelance Web Developer and Designer

May 2023 - Present

- Developed a MERN stack application, managing design, development, and deployment on AWS EC2 to optimize client costs.
- Designed logos and social media campaigns to enhance brand visibility for clients.
- Created responsive websites using React.js, Node.js, and Bootstrap to improve user experience and engagement.
- Collaborated with clients to ensure timely project delivery within deadlines and budgets.

1) Vendor Management System (Frontend Developer)

- Developed and maintained React.js web application UIs to enhance user experience and functionality.
- Collaborated with teams using Git and GitLab for efficient version control and code management.
- Identified and resolved bugs logged in GitLab issue tracking, ensuring smooth feature rollouts and minimal downtime.
- Conducted comprehensive manual testing to validate team-developed features and improve product quality.

2) Appointment Booking System for Cancer Patients (UI/UX Designer)

- Designed user-friendly UI/UX using Figma to create intuitive interfaces for booking appointments.
- Collaborated with clients and managers to gather requirements and translate them into functional designs aligned with project goals.
- Presented design updates to stakeholders regularly, incorporating feedback to ensure alignment with expectations.

PROJECTS/POC

Project 1: Kubernetes Three-Tier Application Deployment

- Developed and deployed a three-tier To-Do application with React.js (frontend), Node.js (backend), and MongoDB (database) using Kubernetes and Docker.
- Configured AWS ECR for secure Docker image storage and AWS EKS for Kubernetes cluster management.
- Implemented an Ingress Controller and Load Balancer to manage traffic routing and ensure high availability.
- Leveraged Kubernetes and AWS services to create a scalable, efficient, and resilient deployment.

Project 2: AWS Three-Tier Application Design and Deployment

- Deployed a highly available and scalable three-tier architecture using AWS services.
- Utilized EC2 instances with Auto-Scaling Groups for the web and app tiers to manage dynamic load and ensure scalability.
- Configured Amazon RDS for secure and reliable database storage.
- Integrated Elastic Load Balancer (ELB) to distribute traffic across application tiers, enhancing performance and availability.
- Implemented Security Groups, Network ACLs, IAM roles, and a custom VPC for improved security and network isolation.

EDUCATION

Masters in Computer Application 2019-2022
CGPA: 8.82

Bachelor's in Computer Application 2015-2018
60.00%

CERTIFICATIONS

- Microsoft Technology Associate(MTASQL)
- UI Development