Yashi Verma

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LinkedIn | *Medium* | *Github*

Professional Summary

As a DevOps Engineer with comprehensive expertise in AWS, Git, and Linux, I excel in provisioning, configuration management, and deployment automation. My professional journey includes working on live projects involving site deployments and server migrations to AWS. My technical proficiency includes Docker, Terraform, and AWS, with a solid foundation in containerized applications and blockchain-based verification systems. I hold certifications in DevOps on AWS and AWS Cloud Essentials, demonstrating my commitment to continuous learning and proficiency in cloud-based environments.

Education

Saffrony Institute of Technology   **2020 - July 2024**

 B.E. in Computer Engineering   *CGPA:8.64/10*

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Artificial Intelligence, Data Structures and Algorithms, Information Security.

Work Experience

IntelliMedia Networks, Ahmedabad   **Jan 2024 – Present**
 DevOps Engineer

- At Intellimedia Networks, I worked as a DevOps Engineer, focusing on Linux, AWS, Docker, Git, and Terraform. I handled tasks like deploying websites, moving servers from GCP to AWS, and setting up production environments. I also monitored servers using Grafana to ensure optimal performance. I worked on live projects, ensuring everything ran smoothly and efficiently. My role involved solving problems and automating deployment processes, helping the team achieve our goals effectively.

InfoLabz IT Services Pvt LTD, Ahmedabad (Internship)   **July 2023 - Aug 2023**
Web Developer

- At InfoLabz IT Services Pvt Ltd, I worked as a Web Developer, specializing in JavaScript, ES6, and React. I developed dynamic web applications by integrating APIs, creating responsive and interactive user interfaces. My role involved coding, testing, and debugging to ensure high-quality, functional web solutions. I worked on live projects, contributing to the development of modern web applications and enhancing user experiences through efficient and innovative coding practices**.**

IBM, Virtual Internship   **June 2023 - July 2023**
Frontend Developer

- At IBM, I worked as a Frontend Developer, specializing in HTML, CSS, and JavaScript. My role involved developing user-friendly and responsive web interfaces. I focused on coding, testing, and debugging to ensure seamless and efficient web applications. Working on live projects, I contributed to creating visually appealing and functional websites, enhancing user experiences, and meeting project goals effectively.

Skills

Programming Languages	Python, Bash/Shell Scripting, Java, HTML, JavaScript, React
Frameworks	Docker, Jenkins, Ansible
Technologies	CI/CD pipelines, Cloud platforms (AWS, Azure, GCP), Monitoring and Logging (Prometheus, Grafana, ELK stack)
Databases	MySQL, PostgreSQL, DynamoDB, Redis
Tools & IDEs	Git(GitHub ,Bitbucket), AWS Management Console, VS Code
Architecture	Microservices, Serverless, Load Balancing, Auto-Scaling

Project Work

Deployment of Node.js Application on AWS ECS (2024):

- Deployed a Node.js-based application on AWS Elastic Container Service (ECS) using CloudFormation stacks, with a CI/CD pipeline integrated through Jenkins. The pipeline automated the process of pushing Docker images to AWS Elastic Container Registry (ECR) and deploying them to ECS, including automatic updates to the ECS task definition to reflect the latest images. Utilized CloudFormation for consistent infrastructure provisioning and Docker for containerization, streamlining deployment and reducing manual intervention.

Migration from GCP to AWS EC2 (2024):

- Migrated an application from GCP Google Cpmpute Engine to AWS EC2, creating a new AWS environment and attaching an RDS instance for database management. Configured SSL certificates with Certbot, set up an Apache2 web server with virtual hosts for multiple sites, and monitored the setup using CloudWatch Agent to ensure optimal performance and uptime. This migration optimized the application's configuration for enhanced reliability and security.

Dockerize Registration Application With MySQL Database(2024):

- This project involves containerizing a registration application using Docker and integrating it with a MySQL database. The setup enables easy deployment and management, ensuring portability, scalability, and reproducibility of the application environment. Users can interact with the application through a web interface while managing the database seamlessly within the Dockerized environment.

Dynamic Web Page Design Using React(2023):

- Developed dynamic web pages using React to enhance user interactivity and responsiveness, implementing React components and state management for a seamless user experience. Utilized React Router for client-side routing and navigation, integrated APIs to fetch and display real-time data, and applied modern design principles with responsive layouts to ensure compatibility across devices.

Fake Product Identification Using Blockchain(2022):

- Developed a Fake Product Identification System using blockchain technology to enhance product authenticity and traceability. Leveraged blockchain's immutable ledger to record and verify product information, ensuring transparency and preventing counterfeit goods. Implemented smart contracts for automated verification processes and integrated a user-friendly interface for consumers to verify product authenticity, significantly improving trust and security in the supply chain.

Awards and Certificates

- DevOps On AWS: Code, Build, and Test - Coursera
- AWS Cloud Technical Essentials - Coursera
- Professional and Life Skills Development – Saffrony Institue of Technology
- Fundamentals of Cloud Computing: AWS, Azure and GCP – Scaler
- Web Development Fundamentals – IBM

Extra Activities

- Participated in the SSIP Azadi Ka Amrit Mahotsav Hackathon.
- Attended the AWS Machine Learning Meet-up by AWS Community.
- Participated in Smart India Hackathon.
- Joined the Web3 Meetup organized by the Global Web3 Community.
- Attended the AWS re:Invent Recap event, an electrifying gathering of tech enthusiasts and industry experts.

Languages

- English
- Hindi