

ARISHKHAN

Cloud & DevOps Enthusiast | Aspiring DevOps Engineer

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PROFILE SUMMARY

Experienced DevOps engineer with hands-on experience in AWS, Terraform, Jenkins, and server management. Proficient in deploying and maintaining scalable infrastructure solutions, optimizing workflows, and ensuring robust system performance. Skilled in automating processes to streamline development pipelines and enhance efficiency. Proactive in monitoring AWS servers and implementing necessary optimizations for seamless operations. Passionate about staying updated with emerging technologies and leveraging them to drive continuous improvement. Committed to delivering high-quality results while fostering collaborative team environments.

WORK EXPERIENCE

DevOps Engineer | TechSum IT Solutions Pvt. Ltd. | OCT 2023 - PRESENT

AWS Cloud Services Familiarity:- Gain practical experience in utilizing various AWS cloud services, including EC2, S3, RDS, to deploy, manage, and troubleshoot cloud-based solutions.

AWS Monitoring and Optimization :- Assisted in monitoring AWS resources, optimizing costs, and enhancing system performance by using AWS CloudWatch and Cost Explorer to identify and implement cost-saving measures.

Infrastructure as Code (IAC):- Collaborate with development team to design, code, and test software application.

Server Management:- Implement disaster recovery strategies for AWS server instances. Collaborate with development teams to right-size and scale server resources.

CI/CD Implementation:- Integrate automated testing into CI/CD pipelines for robust quality assurance. Continuously improve deployment processes based on feedback and metrics.

BMW Solution (incinerator) | Trainee Engineer | July 2020 - July 2022

conducting desktop and Plant Activities, Maintaining of Plant and machinery, keep track of inventory using Excel maintaining log Books performing practical and administrative duties assigned by the General manager, offering suggestion and writing up reports.

TechSum IT Solutions Pvt. Ltd. | Internship | September 2023 – October 2023

Two months Internship at Techsum IT solutions as a cloud Intern

Hargobind Electricals | Internship|03 July 2019 – 18 July 2019

15 days Internship at Hargobind Electricals as a Mechanical Intern

TECHNICAL SKILLS

- Linux
- Cloud Platforms
- CI/CD & Containerization
- Scripting & Programming
- Version Control
- Automation Tools
- Monitoring & Logging
- Security & Networking

CERTIFICATIONS

- Certification of DevOps Beginners to Advanced
- Certification of Docker and Kubernetes
- Certification in MERN Stack Development
- Certification in React.js

RELATED PROJECTS

Project:-1 | Digital School Point | Freelance

Comprehensive School Management System. Digital School Point is a robust solution built on PHP Laravel to streamline and enhance school administration processes.

- AWS-Hosted Infrastructure, The project is hosted on AWS, leveraging services such as Elastic Load Balancer, VPC, Elastic IP, and EC2 instances, all configuration and server management.
- Implemented CI/CD pipelines using GitHub Actions to ensure seamless code integration and deployment.
- Utilizes Apache web server, MySQL database, and version control with Git and GitHub to ensure high performance and reliability.
- Utilizes HTTPS to secure the project URL, ensuring encrypted and secure communication over the internet.
- Automation and Monitoring Developed automation scripts and monitoring tools to maintain system health and performance, ensuring efficient operations and quick issue resolution.

Project:- 2 | GitOps Project | Personal

Worked on a GitOps project create AWS Infrastructure as Code (IAC) with Terraform and manage changes in infrastructure with GitHub actions and also use GitHub actions for managing application code changes and automating deployment.

- Implementing GitOps methodology for AWS infrastructure management, utilizing Terraform to automate infrastructure provisioning and updates.
- Leveraging GitHub Actions for continuous integration and deployment, ensuring seamless management of infrastructure and application code changes.
- Establishing a streamlined workflow where any modifications to infrastructure or application code trigger automated processes.
- Ensuring version control and traceability of changes by integrating infrastructure and application code repositories with GitHub.

Enhancing reliability and efficiency by enforcing infrastructure as code practices and automating deployment pipelines for consistent and scalable deployments.

Project:- 3 | AWS Cloud Architecture For Multi-tier Application | Personal

Worked on creating an Aws architecture of Multi-tier web Application and implemented it on AWS Cloud with deployment

- Multi-tier application setup with MySQL, RabbitMQ, Apache, and NGINX components ensures a robust architecture.
- Emphasis on security and smooth communication between components for data integrity and seamless operation.
- Automated setup and consistent configurations streamline deployment processes, enhancing efficiency.
- Efficient traffic distribution via Elastic Load Balancer optimizes performance, ensuring seamless user experiences.
- Dynamic resource scaling with Auto Scaling adapts to varying demands, providing a reliable, scalable, and secure environment on AWS

Project:- 4 | Containerizing Microservice Project | Personal

Worked on Containerizing of Microservice of E-mart app with Docker and docker Compose

- Utilized Docker and Docker Compose to containerize microservices for the Emart app, including Nginx API gateway, Angular client-side, Node.js API, and MongoDB/MySQL databases.
- Achieved modular encapsulation of services, enabling seamless deployment and scalability across environments.
- Enhanced portability and efficiency through containerization, ensuring consistent behavior and easier management.
- Streamlined development and deployment processes with Docker Compose, facilitating rapid iteration and integration.
- Leveraged containerization to create a cohesive and dynamic infrastructure for the Emart app, optimizing resource utilization and enhancing reliability.

EDUCATION

Bachelor of Engineering

Sagar Institute Of Research & Technology | 2016-2020

SCHOOLING

Higher Secondary | Daffodils Hr. Sec. School Bhopal | 2014-2015

High School | Daffodils Hr. Sec. School Bhopal | 2012-2013

DECLARATION

I hereby declare that all the above information and facts furnished by me are authentic and fair to the fullest of my knowledge.