Atharva Unde

DevOps Engineer

Results-oriented DevOps engineer with certifications in AWS (Solutions Architect Associate), Terraform, and KCNA. Expertise includes optimizing cloud infrastructure, automating deployments, and improving software delivery pipelines using tools like AWS, Vue.js, Node.js, and Docker.

Experience

Confiance Bizsol Inc

Software Developer Engineer (L2)

July 2023 - Present (Ahmedabad, On Site)

- Led and automated the migration of critical EC2-based workloads to a modern EKS cluster using IaC (eksctl), significantly improving deployment repeatability, reliability, and scalability.
- Provisioned and managed isolated EKS clusters for distinct production environments via IaC, optimizing resource allocation, enhancing security boundaries, and implementing cost monitoring through budget and billing alerts.
- Architected and developed scalable microservices in Node.js (including paywall, email, and S3 management services) designed for high availability and seamless integration within the EKS environment.
- Secured S3 buckets and improved static asset delivery performance by implementing CloudFront CDNs with appropriate access controls & caching policies
- Drove substantial cost savings on lower-priority EKS clusters by strategically leveraging EC2 Spot Instances for worker nodes, demonstrating expertise in cloud cost optimization.

CareerLabs Technologies Pvt. Ltd

Software Developer Engineer III

December 2022 - July 2023 (Remote, Company Ceased Operations)

- Engineered cost-optimized cloud infrastructure configurations using AWS and Terraform (IaC), resulting in a 40% reduction in cloud spend by leveraging AWS SAA and Terraform certification expertise.
- Optimized Jenkins CI/CD pipelines, reducing build times by 50% and accelerating software delivery cycles through strategic implementation of Docker caching.
- Integrated real-time system uptime monitoring and alerting via Google Chat and Telegram, significantly improving Mean Time To Resolution (MTTR) for production incidents.
- Designed and implemented a scalable Node.js microservices architecture, focusing on deployability, horizontal scaling, and resilience to support seamless third-party integrations (CPaaS/SaaS).
- Spearheaded and executed a comprehensive infrastructure migration from AWS to Azure-based AKS servers, ensuring business continuity with minimal downtime (See 'Projects' section for details).

Software Developer Engineer II

Dec 2021 - Dec 2022 (Bengaluru, On Site)

- Developed and maintained business-critical Node.js microservices, leveraging Docker containerization to enhance scalability, portability, and reliability across various services.

Contact Details

Phone
+91-9561027164

Email
atharv.unde59@gmail.com

Links
Credly Badges

LinkedIn

Skills

Cloud: AWS, Azure
IaC: Terraform, eksctl.
Containerization: Docker, K8s.
CI/CD: Jenkins, GitHub Actions
Programming: Node.js, Vue.js.
Tools: JIRA, Github Projects
Databases: PostgreSQL, MongoDB, MySQL

Projects

CareerLabs Infrastructure Migration (AWS to Azure)

DevOps Engineer, June 2023 - July 2023

- Conducted thorough technical evaluation of Azure Kubernetes Service (AKS), validating its suitability as the strategic migration target and optimizing cloud resource utilization.
- Orchestrated the migration of containerized workloads from Docker Compose to AKS, implementing Horizontal Pod Autoscaling (HPA) and Node Autoscaling for enhanced scalability and operational efficiency.
- Developed and executed comprehensive migration strategies for databases and container registries to Azure, prioritizing data integrity and achieving minimal downtime during transition.
- Implemented robust monitoring throughout the migration lifecycle, proactively identifying and resolving issues to ensure a smooth and error-free transition.
- Engineered and configured Jenkins within the AKS environment to establish optimized CI/CD pipelines, enabling faster, automated, and reliable software deployment.
- Configured Nginx Ingress controllers, Azure CDN Front Door, and Azure Storage Accounts to build a robust and performant application delivery architecture on Azure.

Education

Pimpri Chinchwad College of Engineering (University of Pune)

Bachelor of Computer Engineering, Sep 2016 - Oct 2020

Certifications

KCNA: Kubernetes and Cloud Native Associate

The Linux Foundation

AWS Certified Solutions Architect – Associate

Amazon Web Services

Microsoft Certified: Azure Fundamentals

Microsoft

HashiCorp Certified: Terraform Associate (003)

HashiCorp