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)

- **Automated** the migration of EC2 instances to a streamlined EKS cluster using infrastructure-as-code with eksctl, ensuring repeatable and reliable deployments.
- **Deployed** dedicated **EKS clusters** for lower-end production environments, using Infrastructure as code, improving environment isolation and simplifying resource management. Also configured **budget and billing alerts.**
- Developed a set of **microservices** in Node.js, including a paywall setup, a centralized email service, and a centralized service for managing S3 files, ensuring system stability and scalability.
- Enhanced **S3** bucket security by deploying **CloudFront CDNs**, improving asset protection.
- Implemented a **cost-effective** EKS strategy leveraging **spot instances** for worker nodes, resulting in significant cost reduction for lower clusters.

CareerLabs Technologies Pvt. Ltd

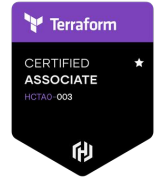Software Developer Engineer III

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

- Utilized **AWS SAA-CO3** and **Terraform Associate Certifications** to achieve 60% cost savings through optimized infrastructure using infrastructure-as-code with terraform.
- Optimized **Jenkins CI/CD pipelines**, resulting in 50% reduced build times and faster software delivery cycles with **Docker Caching.**
- Integrated **system uptime monitoring** tools (Google Chat and Telegram) to enable real-time notifications, improving mean time to resolution.
- Implemented a scalable **microservices** architecture with Node.js to enable seamless **integration of CPaaS and SaaS** third-party integrations, improving application functionality.

Software Developer Engineer II

Dec 2021 - Dec 2022 (Bengaluru, On Site)

- Developed a custom WhatsApp Marketing Solution leveraging Cloud Business APIs, **reducing** Customer Acquisition Cost (CAC) and **platform charges by 2.5L+ INR YoY**.
- Designed and implemented an **in-house URL shortener** with click analytics and RBAC, **handling 2L+ clicks**, improving traffic analysis.
- Developed a **data sync utility between CRM** and other apps using API's, ensuring seamless data flow.
- Designed and Developed **integrations with Moodle, Verloop.io, JIRA**, and Squarespace Scheduler, improving automation and cross functional collaboration.
- Developed and maintained **business-critical Node.js microservices** using **Docker**, improving scalability of various services.

MetaData

Phone

+91-9561027164

Email

atharv.unde59@gmail.com

Links

Credly Badges

LinkedIn

Skills

Cloud: AWS, Azure
IaaC: Terraform, eksctl.
Containerization: Docker, K8s.
CI/CD: Jenkins.
Programming: Node.js, Vue.js.
Tools: JIRA, Github Projects

Product Associate

Dec 2020 - Dec 2021 (Remote)

- Led project management initiatives for CareerLabs' Unified Portal, collaborating with cross-functional teams to drive successful product outcomes
- Developed comprehensive **PRDs** and facilitated seamless project rollouts, utilizing design tools like **Figma** and **Adobe XD** to streamline the development process
- Conducted thorough product research and delivered valuable insights to stakeholders, enabling **data-driven decision-making**.

Graduate Trainee

Sept 2020 - Dec 2020 (Remote)

- Collaborated across multiple teams to gain insights into various interconnected workflows, improving process efficiency.
- Provided tailored guidance to students using their academic history, extracurriculars and university preferences improving the student counseling process.

Maharashtra Police (CPR: Wireless Department, Pune)
Tech Lead & Front End Developer (Intern)

Jul 2019 - Oct 2019

- Led a team of 10 developers in developing and implementing a containerized communication system using Vue.js and Node.js, resulting in improved real-time communication.
- Upgraded outdated satellite systems with micro-services enhancing overall system functionality and reliability.

Projects

CareerLabs Infrastructure Migration (AWS to Azure)

DevOps Engineer, June 2023 - July 2023

- Evaluated **Azure Kubernetes Service (AKS)** and determined its suitability as the migration target, ensuring optimal cloud resources utilization.
- Orchestrated the migration of workloads from Docker Compose to AKS with **HPA** and node autoscaling achieving improved scalability and efficiency
- Developed migration strategies and executed **database and container registry migration** to Azure, ensuring minimal downtime and data integrity.
- Monitored the entire migration process, addressing issues that ensured a smooth and error-free transition.
- Configured **Jenkins** on the AKS cluster for optimized **CI/CD** pipelines, enabling faster and automated software deployment.
- Configured **Nginx Ingress Load Balancers**, and utilized **Azure CDN Front Doors** and **Azure Storage Accounts** for robust application delivery

Education

Pimpri Chinchwad College of Engineering (University of Pune)

Bachelor of Computer Engineering, Sep 2016 - Oct 2020   7.13/10 GPA

Recommendations

Kishore Kumar

Sr Eng. Manager at HashedIn by Deloitte

Kishore managed Atharva directly

Atharva is a very good full stack developer . He is multi skilled with good expertise in Devops and Release management as well. He is dedicated, proactive, self motivated and intelligent resource. He is an asset to any company. Highly recommend!!!!

Ganeshprasad S

COO of Think School | Building a digital school for India

Ganeshprasad worked with Atharva on the same team

Atharva is a hard working and dynamic person.
He is the guy who gets the job done in a flash.
He is sharp, reliable and doesn't need supervision for getting the job done which is very rare in today's world.