JASON DSOUZA

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⟨ LeetCode ◇ Hashnode ↖ Portfolio

SKILLS

Linux | Git and Github | Docker | Jenkins | kubernetes | AWS | Terraform | Ansible | Prometheus

Grafana | GoLang | Python | JAVA | Data structures and Algorithm | MERN Stack Web Development

PROJECTS

Streamlining E-commerce Operations with Container Orchestration,
Enhancing Micro-Services Scalability through Kubernetes Cluster Deployment ✎
- Optimizing E-commerce Operations with a Customized **Kubernetes Cluster** and **Helm Chart** Deployment
- Boosting E-commerce System Uptime and Performance with Advanced Kubernetes Features like **Resources, Liveness Probes**, and **Readiness Probes**

Optimizing Maven Development with Jenkins CI/CD, *Accelerating Maven Application Deployment with an Automated Image Creation, Server Provisioning, and Deployment Pipeline* ✎
- Efficient App Building and Version Management with **Maven**, Securing and Managing Docker Images with **Docker Hub**
- Automating Server Provisioning with **Terraform** and Accelerating Application Deployment to **AWS EC2** with Docker Hub Image.

Terraform and Ansible for AWS EC2 Deployment,
Automated AWS EC2 Deployment with Terraform and Ansible: An Infrastructure as Code Approach ✎
- Leveraged **Terraform** to automate the setup of a server, and
- utilized **Ansible** to fetch a Maven Docker image and deploy it on the created infrastructure.
- The integration of Terraform and Ansible created a powerful DevOps workflow, enabling fast and seamless provisioning and deployment

PROFESSIONAL EXPERIENCE

Freelancer Mar 2020 – Nov 2022
Front-End Developer :
- Developed a web application to enhance the visibility and accessibility of **ACME Cleanroom Services**, providing an intuitive platform for clients to better understand the company's offerings.
- Developed a front-end application to improve the user experience and operational efficiency of a **ROY MakeUp studio**, providing a user-friendly platform for clients and enabling enhanced workflow

MERN Stack:
- As a freelance developer, I have been providing MERN stack projects to final-year students for their academic curriculum, assisting in their technical and practical learning experiences.

Event Manager and Social Media Manager Dec 2020 – Mar 2022
- Worked as an **Event Manager** and **Social Media Manager** at Adduri Events, a renowned event company with a following of over **3.5K** on social media, where I was responsible for overseeing and executing successful events while managing the company's social media presence.
- Established and managed my own event management company**[Dream Events]**, successfully organizing and executing a range of memorable and impactful events.

EDUCATION

Bachelors in Computer Applications [Data Science], Mysuru, India
JSS Science and Technology University

OTHERS

LeetCode
- Achieved the prestigious 100 Days Badge 2022 by consistently solving over **250+ problems** with a daily streak of 150 or more days, demonstrating exceptional problem-solving skills, and earning recognition where only 3% of participants attain this distinction.