

# JASON DSOUZA

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🔗 LeetCode 💎 Hashnode 📁 Portfolio

## SKILLS

Advanced Data structures and Algorithm | Python | JAVA | GoLang | Git and Github | React JS | NodeJS  
MongoDB | AWS | Linux | Docker | Jenkins | kubernetes | Terraform | Ansible | Prometheus

## 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.

### Free-Hit [🔗](#)

Feb 2023

- I recently started an exciting **open-source** project called Free-Hit.
- This tool makes it easy to search for open-source projects that are not only free but also helpful for our needs. With **40 stars, 27 pull requests, and 24 contributors**.
- I have also been contributing to many other open-source projects in my free time.

## PROJECTS

### Recipe storing app [🔗](#)

- This application is designed to store recipes, with CRUD functionality and the ability to save recipes using Local Storage.
- The app is built using ReactJS, making it a reliable and efficient tool for managing your favorite recipes.

### Streamlining E-commerce Operations with Container Orchestration, [🔗](#)

- Optimizing E-commerce Operations with a Customized Kubernetes Cluster and Helm Chart Deployment

### 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

## 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.