

# LODAGALA Koushik

## REACT DEVELOPER

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### PROFESSIONAL SUMMARY

Results-oriented React Developer with 2.8 years of experience in designing and developing high-quality, user-centric web applications. Expertise in React, JavaScript, HTML5, CSS3, and implementing best practices for performance optimization and seamless user experiences. Proven ability to collaborate effectively within agile teams to deliver high-quality software solutions on time and within budget.

### WORK EXPERIENCE

#### Systems Engineer

Mar 2022

Infosys Limited

Hyderabad

project Description : To develop and deploy a high-performance and user-centric React application that enhances user engagement, improves page load times, and drives significant business growth, utilizing advanced technologies and best practices.

- Developed and maintained high-performance React applications utilizing Redux for efficient state management.
- Implemented advanced coding techniques such as modularization, callbacks, and lazy loading to significantly improve application speed.
- Enhanced page load times by 31.7%, resulting in a faster and more responsive user experience.
- Optimized an expensive cart operation by 22.7%, leading to increased user engagement.
- Leveraged React Testing Library and Jest for comprehensive unit and integration testing.
- Successfully implemented Micro Frontends Architecture (MFE) across the application.
- Developed and deployed applications utilizing AWS services such as Lambda, CloudFormation, and S3.
- Led the development of a program resulting in 10,000+ subscriptions per month
- Collaboratively developed and implemented an Automatic Dev Sanity Test prototype.
- Worked closely with cross-functional teams to deliver high-quality software solutions within tight deadlines.

### PROJECTS

#### Travel Trove Web Application

- Developed a full-stack travel booking platform using the MERN stack. Implemented features including flight/hotel searches, booking, payments, and user management.

#### Vendor Dashboard for Restaurants

- Developed a comprehensive restaurant dashboard using the MERN stack. Implemented CRUD operations for managing firms, products, orders, customer data, and inventory. Enhanced operational efficiency and streamlined restaurant management processes.

#### Personal Portfolio

- Developed a personal Portfolio website showcasing projects and skills.

### SKILLS

**Languages :** Java, JavaScript, HTML,CSS

**Technologies/Frameworks:** React.JS, Node, Express, MongoDB, Tailwind, AWS, Firebase, MUI.

**Developer Tools/Libraries :** Eclipse, IntelliJ, VS code, Redux, Redux Toolkit , Git, GitHub, Jira, Swagger UI, Postman, Thunder Client, Soap, SDLC, Scrum, Maven, Troubleshooting, Bootstrap

**Soft Skills :** Effective Decision-Making, Team Collaboration, Leadership, Adaptability, Analytical Thinking, Low-level Design, Proactive Approach

### CERTIFICATIONS

Infosys Certified React Associate Certification

| Infosys Ltd

Apr 2024

Infosys Certified NodeJS Certification

| Infosys Ltd

Apr 2024

### EDUCATION

MVGR COLLEGE OF ENGINEERING ( A )

2017-2021

Bachelor of Technology ( Chemical Engineering )

CGPA - 7.0