

Omkar Mankar

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WORK EXPERIENCE

Cross Country Healthcare

Software Engineer

Pune, India

Aug 2023-Present

- Designed, Developed a versatile **serverless integration** service Enterprise Event Bus (EEB) using **AWS Lambda, SQS, API Gateway**, enabling efficient data transformations and event-driven synchronization.
- Spearheaded the development of a **dynamic** ReactJS based **UI** solution for CRUD operations for all the integration system mappings delivering enhancement in user efficiency and system response time.
- Designed and Implemented **generic API services** using AWS Lambda, SQS, API Gateway **into serverless architecture** for performing the CRUD operations efficiently on the integration system mappings.
- Engineered and implemented an efficient and user-friendly UI flow for bulk updating diverse mapping data through CSV files.

UdChalo

Software Engineer - I

Pune, India

July 2021- July 2023

- Developed and **integrated 3 airline** supplier APIs using Node.js, AWS Lambda, DynamoDB, Caching and Layers, resulting in a **30% improvement** in system performance and reducing response time by 3 seconds.
- Implemented strategic development and design of **B2B private fares and Series fares**, resulting in a remarkable **40% boost** in quarter-over-quarter sales for UdChalo.
- Designed, developed, and implemented a robust **incentive system** for franchise partners that encouraged them to make more bookings across all lines of business (LOBs) at UdChalo.
- Transformed the **reporting process** by developing an automation system using AWS DynamoDB, Lambda S3, SQS and EventBridge to improve report generation efficiency and accuracy for the business team.

PROJECTS

ArthaSakshar

Skills - ReactJS | Tailwind | Redux

[Github](#)

- Designed and Developed a web app for daily expenses tracking which gives visual insights about your finances.
- The App facilitates in recording the income/expense transactions easily and view different charts and analyze their finances.

Sangit App

Skills - ReactJS | MUI | Spotify API | Firebase

[Github](#)

- Designed, Implemented an app for listening to the music which consumes the Spotify API.
- Web app implements the functionalities of authentication and Searching genre of song and filtering the required playlist.

EDUCATION

Pune Institute of Computer Technology	B.E.(Computer Engineering) 2017-21	9.57/10
New English School & Junior College	HSC, HighSchool 2017	85.53%

SKILLS

TechStack - NodeJS, ExpressJS, ReactJS, AWS, JavaScript, TypeScript

AWS - DynamoDB, Lambda, SQS, S3, API Gateway, Cloudwatch, SES

Tools & Technologies - Kibana, Grafana, Github, Redis, JIRA, Serverless, Microservices