SAKSHAM CHATURVEDI

+91 9161094827 | sakshamvedi@gmail.com | Leetcode | Github | Linkedin

SUMMARY

- Serving as an SDE in TCZ with hands-on development experience of more than two years in Design and Development across AEM (Adobe Experience Manager**), React.js, NextJS , Typescript , Javascript , NodeJS, ExpressJS , WebSockets , WebRTC , Redis , Kafka , Single Page Application Development, Firebase, Framer Motion, Search Engines Optimization, PWA,** etc
- Providing **working prototypes, understanding requirements, and regularly interacting with clients.**
- Highly efficient in **developing software applications involving web-based and native user interfaces and database interaction.**

CORE COMPETENCIES

- **Backend Frameworks (e.g., Express.js)**
- **Frontend Frameworks (e.g., React, NEXT)**
- **AEM 6.4, 6.5 and Cloud**
- **Database Technology (MongoDB)**

- JavaScript
- **Code Quality Tools (e.g., ESLint, Prettier)**
- **WebSocket & Real Time Communication**
- **Node.js**

- **Java**
- **ZOD , Redis , Socket, Docker , Jest**
- **Typescript**
- **RESTful APIs**

PROFESSIONAL EXPERIENCE

Software Development Engineer-1
TechChefz Pvt. Ltd., Noida

December 2022 - Present

- Worked closely with the product team to build intelligent search functionality in ReactJS for an e-commerce site with a **catalogue of 2,5000 products leading to an increase in page views per session of 22%**
- Improved the page speed by 1596 for an e-commerce site that generates $25M annually in revenue by leveraging browser caching and improving server response times
- Utilized the **Express.js Framework and MongoDB to create APIs** for both internal and external use reducing the time to ship newfront-end features
- Handled building new REACT components for the customer-facing web app which improved the time on page for the average user **by 2 minutes by skeleton effect and on tha backside load content by using iframe (7 min initially)**
- Built extensive test coverage for all new features which **reduced the number Of customer complaints by 7%**

PROJECTS

Dish Tv / D2H
Ongoing

- Integrated **Adobe Analytics enabling comprehensive tracking and analysis of user interactions** and engagement metrics.
- As a Frontend Developer, **focused on making DishTV work smoothly across different web browsers**. Tested and improved performance to ensure a consistent experience for all users, no matter which browser they use

Ultratech Cement
View Project

- Developed the strategy to **create website from scratch i**nto reusable AEM components.
- Built an **EMI Calculato**r tool that helps users plan their loan payments easily.
- Added charts using Charts.js to **visually represent loan data, making it simpler for users to understand their payment schedules**
- Used **SASS, HTL, and JavaScript libraries** to achieve the design and functionality.
- Developed a **Product Predictor to Predict Which Product they have to use of ultratech cement** according to their needs
- Implemented Adobe Analytics platform to track and analyze user interactions, **resulting in a 40% increase in website engagement metrics and a 25% rise in conversion** rates over 6-month period.

Ecommerce
View Project

Reactjs , ExpressJS , MongoDB , Firebase AUTH

- Create RESTful APIs using Express.js for efficient communication between frontend and backend components in the MERN stack architecture
- Utilize Express middleware to handle requests, responses, and routing, ensuring smooth data flow and interaction within the application.

ACHIEVEMENTS

- Orchestrated the development of the Android app 'Deepotsav,' connecting millions to the annual Ayodhya celebration; lauded by Hon'ble Anandi ben Patel, Governor of Uttar Pradesh, for promoting cultural unity nationwide.

Link of Official Post

Winner in HackCBS (A 24 Hour Offline Hackathon)   Create a mobile application that translates sign language gestures into spoken or written language in real-time. Utilize computer vision algorithms (e.g., OpenCV, TensorFlow) for hand gesture recognition, deep learning models for classification, and speech synthesis libraries (e.g., Google Text-to-Speech) for output.

ACADEMIC CREDENTIALS

B.Tech in Information Technology   **2019-2023**

Dr. Ram Manohar Lohiya Awadh University , India

CGPA : 8.6 / 10

Participated in a Hackathon organized by TEQIP in University and won 1st Prize for Creating a YOGA Trainer APP