

SKILLS

- **Programming Languages** : HTML, CSS, JavaScript, C++, Java, PHP, SQL
- **Libraries and Frameworks** : React, Redux, NodeJS, MongoDB, Express.js, Material UI, Axios, React Native
- **Tools** : Azure, Git, Webpack, Postman, Jest, NPM, MySQL, Docker, Apache Kafka, WebSockets
- **Other Skills** : OpenAI, REST Api, Data Structures, Algorithms, System Design, WordPress, UI/UX Design

EXPERIENCE

Software Engineer

Oct 2021 - Nov 2023

KPIT

Pune

- Developed full stack web applications and vehicle infotainment systems for KPIT clients in **React, JavaScript and C++**.
- Played a key role in developing backend solutions by analyzing and implementing 15+ new system features, like ADAS, BEV security features, TellTale Signs Recognition, website optimization, etc. leading to a 40-50% increase in client engagement.
- Achieved a remarkable 20% improvement in application performance through the implementation of advanced paging techniques, strategic code splitting, and efficient lazy loading strategies.
- Led the teams to analyze and fix 10+ system defects, conducting rigorous unit testing for quality assurance, improving system performance by 20%.
- Managed deployment processes efficiently using **Git and Azure**, ensuring seamless integration and delivery of products

PROJECTS

Movie Booking System

- Designed and developed a robust and scalable full stack application using React, Node.js, and MongoDB, following MVC architecture.
- Implemented core functionalities for user management, movie cataloging, theatre setup, and ticket booking, enhancing the overall user experience.
- Integrated **Redis** caching to optimize system performance, ensuring efficient data retrieval and faster response times
- Implemented comprehensive unit tests using Jest to validate the functionality and reliability of the codebase, achieving 95% test coverage

Responsive E-commerce Website and Mobile Application

- Developed an E-Commerce store utilizing MERN Stack, JavaScript, and **React Native**.
- Designed and Developed Frontend, Backend, and Database functionalities.
- Implemented comprehensive Unit tests, achieving an impressive 95% test coverage.

Real-Time Chat Application with Sentiment Analysis

- Developed a Chat application leveraging React, **WebSockets**, and MeaningCloud Sentiment Analysis API to enable real-time sentiment analysis of user input.
- Enhanced over 5 capabilities of application through optimization for responsiveness, multilingual support, and personalized features.

AI Image Generator: Text to Image

- Technologies used: React, JavaScript, **OpenAI API**, Cloudinary, Express, MongoDB Atlas, Node.js, Material UI, Axios.
- Developed a web-based application using MERN Stack to generate realistic images using OpenAI APIs and Algorithms. Achieved a 30% increase in engagement and 20% reduction in image generation time.

ACHIEVEMENTS

- Solved 300+ Data Structure and Algorithm problems at Scaler Academy, consistently ranking within the top 10% of learners.
- Assisted KPIT teams to successfully deliver important software projects ahead of schedule, resulting in 50% increase in client satisfaction.
- Received Best Team and Employee in KPIT Sparkle Awards Q1 2023.
- Completed 'The 2024 Web Development Bootcamp' with Certification from Udemy.
- Got the "EFSET Standard English Test" English Expert language Certification.

EDUCATION

Scaler	2024
Specialized in Software Development & Problem Solving	
CDAC	2021
PG Diploma in Mobile Computing 68%	
Karmaveer Bhaurao Patil College of Engineering	2019
BE/B.Tech/BS in Computer Science 78%	