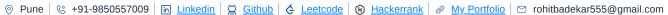
Rohit Badekar Full-Stack Developer



SKILLS

- Programming Languages : JavaScript, Java, PHP, SQL, TypeScript, C++
- · Libraries and Frameworks: React, NodeJS, Material UI, Redux, MongoDB, Express.js, Next.js, Tailwind CSS, Spring Boot
- Tools: Git, NPM, Vercel, Postman, MySQL, Docker, AWS, JWT, Jest, HTML, CSS, SASS, Jenkins, Webpack
- Other Skills: REST APIs, UI/UX Design, Data Structure, Algorithm, Agile/Scrum, CI/CD, SDLC, Unit testing, Responsive Design

EXPERIENCE

Software Engineer Oct 2021 - Nov 2023

KPIT Pune

- Developed web applications and vehicle infotainment solutions at KPIT for 2+ years using MERN Stack, JavaScript and Java.
- Proposed **10+** new features (e.g. real-time chatbot, user authentication & authorization, responsive design improvements, web security), boosting client engagement by **30%**.
- Improved application performance by 25% through image optimization, code splitting, and lazy loading.
- Identified and resolved 10+ defects & bugs through rigorous unit testing, ensuring high-quality deliverables and improving software consistency by 25%.
- Managed deployment processes efficiently using Git and Azure, ensuring seamless integration and delivery of products.

PROJECTS

Movie Booking System | MERN Stack, JavaScript

- Designed and developed a full-stack application following MVC architecture, with features like user management, movie cataloging, theatre setup, and ticket booking.
- Integrated Redis caching for optimized performance and faster data retrieval, enhancing the overall user experience.
- Achieved 95% test coverage using Jest for unit tests, ensuring functionality and code reliability.

Real-Time Chat Application with Sentiment Analysis | React, Socket.IO

- Engineered a chat application using React with Hooks, WebSockets, and MeaningCloud Sentiment Analysis APIs.
- Enabled real-time sentiment analysis of user input, achieving 20% reduction in response time and increasing user satisfaction by 30%.
- Optimized application functionality for responsiveness, integrated multilingual support, and implemented personalized features, achieving a 20% improvement in user experience.

Al Image Generator | MERN Stack, OpenAl API

- Developed a web-based application using React, Express, Node.js, MongoDB Atlas, and OpenAl API to generate realistic images.
- Integrated Cloudinary for image storage and Material UI for UI components, achieving a 30% increase in user engagement.
- Optimized algorithms and API calls resulting in a 20% reduction in image generation time.

Automotive Software Solutions at KPIT | Java, Spring Boot

- Designed and implemented RESTful APIs using Spring Boot for integrating vehicle telemetry and diagnostic data.
- Managed MySQL database operations and optimized queries using Hibernate ORM.
- Integrated with third-party APIs for additional functionalities and conducted comprehensive testing.

ACHIEVEMENTS

- Successfully solved 300+ Data Structure and Algorithm problems at Scaler Academy, consistently ranking in the top 10% of learners.
- Assisted KPIT teams in delivering software projects ahead of schedule, leading to a 30% increase in client satisfaction.
- Awarded Best Team and Employee in KPIT Sparkle Awards, Q1 2023, for contributions to project excellence and teamwork.
- Completed 'The 2024 Web Development Bootcamp' from Udemy, focusing on modern web development concepts & best practices.
- Earned the "EFSET Standard English Test" English Expert certification, ensuring effective communication in multicultural teams.

EDUCATION

Scaler 2024

Specialized in Software Development & Problem Solving

CDAC 2021

Post Graduate Diploma in Mobile Computing

Karmaveer Bhaurao Patil College of Engineering 2019

BE/B.Tech/BS in Computer Science | 8.2 CGPA