Abhiraj Makwana

Ahmedabad, India • abhirajmakwana1220@gmail.com • 8734872993 • in/abhirajmakwana

SUMMARY

Full Stack Developer with over 2 years of experience in designing, developing, testing, and maintaining software applications used by millions of users. Proficient in a wide array of programming languages and cutting-edge technologies, with a commitment to continuous learning and improvement. Known for fostering positive changes in both personal and professional endeavours. Seeking a full-time role within a dynamic team to contribute to the mission of a forward-thinking organization.

SKILLS

Programming Languages: JavaScript (ES6+), TypeScript, Java, Python
Front-End: React.js (Redux, Hooks), Next.js, HTML5, CSS3, Bootstrap, Material-UI
Back-End: Node.js, Express.js, Spring Boot
Databases: MongoDB, MySQL, PostgreSQL, Oracle
DevOps & Tools: AWS(EC2, S3), Docker, Kubernetes, Jenkins, Git, GitHub, Postman

EXPERIENCE

Full Stack Developer

Independent Consultant   **May 2023 - Present, Remote**

- Engineered 20+ scalable web applications using MongoDB, Express.js, React.js, Node.js (MERN) and Java, achieving 95% client satisfaction rate while delivering projects on time and 15% under budget.
- Designed and implemented RESTful APIs to integrate front-end and back-end systems, enhancing application performance.
- Crafted responsive and dynamic user interfaces using React.js with Redux for efficient state management while leveraging modern CSS frameworks to ensure cross-browser compatibility and optimal performance.
- Formulated rigorous testing protocols and quality assurance measures, resulting in 99.9% uptime for multi-million user applications.
- Revamped technology infrastructures for 5+ clients, amplifying system performance by 30% and reducing operational expenses.

Full Stack Developer

GIR Software Services   **September 2022 - April 2023, Remote**

- Implemented NetSuite-Gnosis Freight integration via RESTful APIs, boosting shipping logistics efficiency by 70%.
- Enhanced integration reliability and streamlined workflows by developing robust error-handling mechanisms for transaction records.
- Engineered delivery systems for an eCommerce platform using microservices and APIs to streamline FedEx and UPS logistics operations.

Software Development Engineer

WebMate Web Services   **January 2022 - September 2022, Ahmedabad, India**

- Innovated software solutions with Java, Python, and React.js, reducing development timelines by 30% and maintenance expenses by 24%.
- Identified and resolved software defects and performance bottlenecks using advanced development techniques.
- Deployed user authentication system with JWT and OAuth 2.0, significantly strengthening security protocols.

Software Developer

Angel One   **March 2021 - November 2021, Ahmedabad, India**

- Developed trading algorithms in Java, increasing profit margins by 78% while minimizing risk exposure.
- Collaborated with cross-functional teams to resolve technical issues, ensuring platform stability and reliability.
- Spearheaded code review initiatives, enhancing collaborative improvement and reducing delays by 22%.

PROJECTS

PaperTrade - Demo Trading Platform

- Engineered robust demo trading platform using Node.js, paired with a React.js front-end for a seamless user interface, designed to simulate a real-world trading experience with advanced analytics features.
- Deployed Machine Learning model using TensorFlow.js to provide AI-driven trading suggestions based on historical data and market trends.
- Elevated computational performance by integrating WebAssembly (WASM), achieving a 50% improvement in task execution times.
- Implemented OAuth 2.0 and OpenID Connect for secure authentication, supporting multiple identity providers.
- Developed a custom WebSocket-based API for real-time updates, reducing latency by 70% compared to REST API polling.

Korero - Real-time Messaging Application

- Developed MERN stack and Socket.IO based platform, leveraging WebSockets for efficient bi-directional communication.
- Facilitated individual and group chat features supporting up to 100 users, with comprehensive admin controls and user authentication.
- Integrated Redis for caching and pub/sub messaging, reducing database load and improving response times by 40%.
- Created end-to-end encryption system using the Signal Protocol, ensuring message security and user privacy.
- Boosted user interaction by introducing real-time typing indicators for better engagement.

EDUCATION

Master of Computer Applications

Rollwala Computer Center, Gujarat University • Ahmedabad, Gujarat • 2022 • 7.2/10 CGPA

Bachelor of Computer Applications

Som-Lalit Institute of Computer Application, Gujarat University • Ahmedabad, Gujarat • 2020 • 7.4/10 CGPA