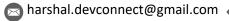
HARSHAL CHOUDHARY

Software Engineer

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8103553033

PROFILE

Passionate and detail-oriented Software Engineer with strong skills in full-stack web development, real-time systems, and API design. Known for effective collaboration, strong communication, and leadership in cross-functional teams. Experienced in building scalable and secure applications using React, Node.js, and MongoDB. Adept at solving complex problems, adapting quickly to new technologies, and continuously improving through self-learning. Eager to contribute to challenging, high-impact projects in a fast-paced, team-oriented environment.

EXPERIENCE

Junior Software Engineer, VKTechno Solutions Pvt. Ltd.

01/2024 - Present | Indore

- Application Interface Redesign, (Mar 2024 Nov 2024)
 - Migrated and redesigned an outdated user interface using React, ensuring a seamless transition with improved UI/UX for better usability and performance.
 - Improved component reuse across modules by 60%, reducing duplicate code and simplifying maintenance.
 - Enhanced UI responsiveness and accessibility, contributing to a 40% reduction in user complaints related to
 - Enhanced UI responsiveness and accessibility, contributing to a 40% reduction in user complaints related to navigation.
- Real-Time Customer Assistance Bot , (Sept 2024 Present)
 - Developed a container tracking chat system using React, Socket.IO, Node.js, and Express, enabling users to retrieve real-time container details via API calls.
 - Integrated secure, real-time communication between customers and support teams, ensuring seamless interactions with encrypted JWT-based authentication.
 - o Implemented role-based access control and session isolation to enhance security, preventing unauthorized access to conversations.
 - Handled real-time communication with less then 200ms latency using WebSockets and optimized event handling.
 - Served over 1,000 simulated API requests/day during internal testing with 90% uptime.
 - Integrated a session activity tracker to monitor user actions, detect inactivity, and enhance session security.

SKILLS

- Languages: JavaScript, C++, HTML5, CSS3.
- Frontend: React.js, Redux Toolkit, Tailwind CSS, Material-UI, Bootstrap.
- Backend: Node.js, Express.js, REST APIs, Socket.IO.
- Database : MongoDB.
- Tools & Platforms:: GitHub, GitLab, Postman, VS Code.
- Computer Science Fundamentals: : Data Structures & Algorithms, Computer Networks, Object-Oriented Programming, Software Development Life Cycle, Operating Systems.

ACHIEVEMENTS

- Best Employee of the Quarter: Recognized for ownership, timely delivery, and initiative.
- Team Leadership: Lead a team with effective leadership and project management.
- Client Communication: Managed client interactions and delivered tailored solutions.
- Project Delivery Excellence: Successfully delivered 3 key projects within tight deadlines using Agile methodology and effective sprint planning.

EDUCATION

• B.Tech in Computer Science Engineering, Chameli Devi Group of Institutions indore

Percentage - 79.40%

2020 - 2024 | CGPA: 8.38/10.0

• Senior Secondary (Class XII), Pink Flower Higher Secondary School, Indore (MP Board)

Percentage - 83.60%

• Secondary (Class X), Pink Flower Higher Secondary School, Indore (MP Board)