

KHUSHI KESHARWANI

Software Engineer (Frontend + AI Integrations)

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Summary

Product-focused Software Engineer specializing in building data-driven web applications and integrating AI-powered workflows to automate processes and generate actionable insights. Experienced in developing scalable dashboards, real-time systems, and API-driven architectures using React, JavaScript, and modern frontend tooling. Strong problem-solving mindset with the ability to bridge frontend, backend, and AI systems to deliver data-driven features that directly improve operational decision-making.

Technical Skills

Languages: JavaScript (ES6+), TypeScript, Java (basic)

Frontend: React.js, HTML5, CSS3, Tailwind, SASS, Responsive Design, Accessibility

State Management: Redux Toolkit, Context API

Backend & APIs: REST APIs, API Design, Authentication Flows, Supabase (PostgreSQL)

AI & Automation: LLM API Integration, Prompt Engineering, AI Workflow Design

Real-Time Systems: WebSockets, Event-driven UI updates, Tracking System

Performance: Chrome DevTools, Lighthouse, Code Splitting, Memoization, Rendering Optimization

Tools: Git, GitHub, Postman, Vite, Webpack

Cloud & Security: Azure (basic), Secure API Handling

Experience

Lead GIS Web Developer

Sept 2024 - Present

6Simplex Software Solutions

Nagpur

- Designed and developed scalable React-based dashboards for real-time visualization of geospatial and operational data.
- Integrated LLM-based analysis into the delivery management dashboard to detect underperforming riders and operational inefficiencies using trip duration, idle time, and stop patterns.
- Built structured data pipelines to transform API responses into AI-consumable formats and process AI-generated outputs for frontend rendering.
- Built a real-time tracking system using WebSockets to stream live location and operational data, enabling dynamic updates and monitoring within the dashboard.
- Improved dashboard performance by optimizing rendering and data handling for high-volume datasets.

Web Development Intern

May 2024 - Aug 2024

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Nagpur

- Developed responsive UI components and interactive features using React, improving usability across core application modules.
- Refactored legacy components into modular, reusable structures, reducing code duplication and improving maintainability.
- Integrated REST APIs and contributed to debugging and performance optimization across the frontend stack.

Projects

Job Application Command Center (SaaS) – React, Redux Toolkit, Supabase

- Built a SaaS platform to streamline job application tracking, centralizing workflows and improving visibility across applications.
- Implemented authentication, CRUD operations, and structured data management using Supabase.
- Designed reusable UI components and optimized state management for scalability and performance.

Real-Time Tracking Dashboard – React, WebSockets, OpenLayers

- Developed a real-time tracking interface with WebSocket-based updates for dynamic geospatial data visualization.
- Optimized rendering and data flow to handle large datasets efficiently within map-based interfaces.
- Improved user experience by reducing latency in real-time updates and enhancing UI responsiveness.

Education

Amity University, Mumbai

2020 - 2023

Bachelor of Computer Applications (BCA)

CGPA: 8.94/10 — Bronze Medalist