

Deepak Patidar

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PROFESSIONAL SUMMARY

Frontend-focused Software Engineer with **5+ years** of experience building **scalable, performance-sensitive** React applications for enterprise products. Strong expertise in **React architecture, state management, reusable component design, and frontend system design**, with hands-on experience collaborating across backend, product, and UX teams in complex distributed systems.

WORK EXPERIENCE

Blue Yonder Software Engineer I	Feb 2023 - Present Hyderabad
<ul style="list-style-type: none">Led frontend development for a Competitive Pricing Module in the Merchandise Operations domain, building 20+ enterprise screens using React and Material UI, collaborating with architects, and mentoring junior engineers through code reviews.Designed and optimized a high-traffic product landing page displaying tabular data with 15-17 attributes per product, implementing debounce search, filtering, and pagination for usability and performance.Improved rendering and interaction performance by applying frontend optimization techniques (memoization, controlled re-renders, efficient table layouts).Integrated 60+ REST APIs with robust client-side validation (io-ts) and error handling, following secure frontend patterns and collaborating on API contracts.Contributed to backend stability by supporting SQL injection prevention and conducting RCA on 40+ production issues, improving system uptime to 99.9%.	
Infosys System Engineer	Jan 2021 – Feb 2023 Pune
<ul style="list-style-type: none">Developed and maintained React-based user interfaces for a secure banking platform, focusing on responsive design, component reusability, and cross-browser compatibility.Integrated frontend applications with REST APIs for third-party banking services, collaborating with backend teams to ensure secure data flow for 50K+ users.Collaborated with backend and QA teams to improve frontend reliability and security, implementing client-side validations and improving error handling for critical banking workflows.	

TECHNICAL SKILLS

Frontend: React.js, JavaScript (ES6+), TypeScript, Redux, React Query, React-Virtualization, Custom Hooks, Component Architecture, Performance Optimization, HTML5, CSS3, Responsive Design, Material UI, Tailwind CSS

Architecture & Design: Frontend System Design, Scalable UI Architecture, API Contract Design, DOM Manipulation

Backend (Supporting): Node.js, Express.js, REST APIs, SQL, Oracle, PL/SQL, TypeORM

Tools & Practices: Git, CI/CD (Jenkins), Agile/Scrum, Debugging & RCA, Webpack, Data structure and algorithms

Testing: Jest, React Testing Library, Unit Testing

PERSONAL PROJECT

Netflix-GPT React, Redux, Tailwind CSS, OpenAI API	Live WebAPP
<ul style="list-style-type: none">Designed and implemented a scalable React frontend for an AI-powered movie recommendation platform, focusing on component architecture, state management, and responsive UI.Integrated large language model (LLM) capabilities using the OpenAI GPT-4o-mini chat API to enable natural-language-based content discovery driven by user intent, preferences, genre, and mood.Engineered frontend-to-AI data flows and prompt handling logic, ensuring reliable API interactions, error handling, and optimized user experience.Improved content discovery and engagement by ~30% through intelligent AI-driven recommendations.	

EDUCATION

• Bachelor of Engineering (B.E) | Computer Science

UIT RGPV | Bhopal (M.P) | Jul 16-Apr 20