

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

- 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

- 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](#)

- 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