Jugal Rajput

Software Engineer

Frontend Engineer (3+ yrs) skilled in **JavaScript, React, and modern web technologies** , with a proven record of delivering **scalable, high-performance, and user-focused web applications** . **NIT Surat graduate** , passionate about **modular architecture, personalization systems, and UI performance optimization** . Committed to **clean, testable code** and transforming **complex data** into **intuitive, consistent experiences** across browsers and platforms.

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jugalrajputportfolio.netlify.app/

github.com/itsjxi

WORK EXPERIENCE

Software Engineer - Frontend
Webengage

04/2024 - Present

Achievements/Tasks

- **Implemented** a **WhatsApp Template Auto-Approval system** , integrating **real-time validation, preview, and approval tracking** ; decreased manual review time by **40%**
- Engineered a **Nunjucks-based Personalized Modal Framework** , enabling **dynamic variable parsing** and **context-aware rendering** across campaigns, enhancing engagement **by 30%**
- **Engineered** a **Frequency Capping module** using **React + Redux** , enabling configurable per-channel user limits and modal-based **create/update** flows; reduced configuration errors by **25%**
- **Developed** an AI-powered **Image Editor (Image Copilot)** with **Konva Canvas**, supporting **AI image generation, cropping, text overlays, and mask editing** ; boosted creative workflow **2× faster.**
- **Built** a real-time **Control Room Dashboard** using **React, Ant Design, and Highcharts** , enabling campaign metric monitoring with dynamic filters & sortable columns; **improved data refresh speed by 35%** .

Executive
Aarti Industries

09/2021 - 10/2023

Achievements/Tasks

- **Developed data-driven negotiation and analytics tools** with **React** and **Chart.js** , visualizing inventory trends and supporting **cost-saving decisions (≈20% reduction)** through smarter procurement insights.
- **Digitized inventory and material issuance workflows** using **JavaScript** and **React** , improving operational efficiency **by 30%** and enabling real-time visibility into equipment orders

EDUCATION

B.Tech/B.E.Chemical
Sardar Vallabhbhai National Institute of Technology, Surat

07/2017 - 04/2021   *8.3/10*

SKILLS

React.js | JavaScript (ES6+) | HTML5 | CSS

Redux | Redux Toolkit | Promises & Async Patterns

JSON | MVC architecture

DOM & Browser Internals | Debugging & DevTools

Performance Optimisation | TypeScript | Webpack

CI/CD

PERSONAL PROJECTS

Shopping Website ⧉
- A full-featured **eCommerce app** using **React, Redux Toolkit, JavaScript, HTML5, and CSS3** , supporting **dynamic cart operations** , **real-time price updates** (based on color/size), and **automatic total calculations** .

Spotify clone ⧉
- **Spotify-inspired music platform** with **React and REST APIs** , featuring **audio playback** , **playlist & album search** , and **routing-based navigation** for a smooth user experience.

Chillflix ⧉
- **movie discovery platform** using **pure JavaScript (MVC architecture)** , implementing **dynamic carousels** , **genre-based rendering** , and **refined search functionality** for responsive, modular UI rendering.

Grid Tabel ⧉
- A **custom grid table** using **JavaScript (MVC structure)** with **search, sort, CRUD, and pagination** features; emphasised **separation of concerns** for scalability and maintainability.

My Portfolio ⧉
- **A personal portfolio** using **React and modern CSS** , showcasing technical projects, UI skills, and creative work with a clean, responsive design.