

# Indu Kushwaha

**MERN Stack Developer | 7+ Yrs Experience**

**Vishakhapatnam, India**

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## Professional Summary

Proficient **Frontend Developer** with 4+ years of experience full time and 3 years experience contractual, delivering responsive, scalable, and high-performance applications using **React.js**, **TypeScript**, and **Redux Toolkit**. Strong focus on UI/UX, performance optimization, and modular architecture. Alongside frontend expertise, brings hands-on experience with **Node.js**, **Express.js**, and **MongoDB** for developing and integrating secure and efficient REST APIs. Adept at building full-stack MERN applications in agile environments with clean code practices and API-driven development.

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## Core Competencies

- **Frontend Development:** Nextjs, React.js, React Native (Expo), Redux Toolkit, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap
  - **Backend Development:** Node.js, Express.js, MongoDB, REST APIs, JWT Authentication
  - **State Management & API Handling:** Redux Toolkit, Context API, Axios
  - **Performance Optimization:** React Profiler, Lazy Loading, Code Splitting, Bundle Optimization
  - **Version Control & Collaboration:** Git, GitHub, Code Reviews, Agile, JIRA, SonarQube
  - **Mobile Development:** React Native (Expo), Android SDK, Cross-Platform Apps
  - **Deployment & Tools:** Netlify, Docker, DigitalOcean, VS Code, Postman, Codium
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## Professional Experience

### ViXR India Pvt. Ltd., Bengaluru

 **17** *Sep 2023 – Present | Full-Time*

#### Summary:


Built scalable, role-based React applications with a focus on performance, UI/UX, and secure access control. Worked closely with designers and backend teams to deliver production-ready modules for safety audit and instruction workflows.

#### Key Contributions:

- Developed dynamic list views and role-based interfaces using **React.js** and **Redux Toolkit**.
- Implemented full **CRUD operations** for Cue Cards and nested instructions with validation.
- Built secure APIs with **JWT authentication** and **RBAC** using **Node.js** and **Express.js**.
- Integrated audit-execution handoff via the **Implementation Module**.
- Added **view-only modes**, advanced **search/filtering**, and responsive UI using **Tailwind CSS**.

## Frontend Developer

### Codemap, Bhopal

 **17** *Mar 2022 – Jul 2023 | Contractual (Part-Time)*

#### Summary:

Developed and delivered multiple client-facing web applications using **React.js**, focusing on responsive design, dynamic routing, and seamless API integration.


#### Key Contributions:

- Built modular and reusable UI components with **React.js**.
- Implemented **authentication flows**, **REST API integrations**, and **dynamic routing** using React Router.

- Enhanced application performance and responsiveness across devices using best practices and modern CSS tools.
- Provided frontend consulting support for debugging, UI improvements, and architectural refinements.

## Frontend Developer

### Cosmorugs, Bengaluru

 Sep 2018 – Mar 2020 | Contractual (Part-Time)

#### Summary:

Worked on the UI development of an e-commerce platform using **React.js** and **Bootstrap**, focusing on responsive design, API integration, and user experience optimization.

#### Key Contributions:

- Built and maintained responsive product listing, cart, and checkout pages using **React.js** and **Bootstrap**.
- Integrated order and product APIs to enable real-time data flow across the application.
- Improved **SEO** and **UX performance** by optimizing component rendering and page structure.
- Collaborated with backend teams to align frontend features with business logic.

## Software Engineer

### Lukup Media Pvt. Ltd., Bengaluru

 Jun 2012 – Nov 2012 | Full-Time

#### Summary:


Contributed to the development and maintenance of the company's CMS-driven website within an agile team. Focused on building data-driven UI components and integrating third-party APIs for enhanced functionality.

#### Key Contributions:

- Worked on the company's **CMS-based website**, ensuring responsive and maintainable UI components.
- Integrated **Google Charts/Graphs** to visualize analytics and business data dynamically.
- Used the **Facebook API** to implement social features and user engagement tools.
- Collaborated with designers and backend developers to deliver functional and polished user experiences.

## Associate Software Developer

### Mango Technologies, Bengaluru

 Jul 2010 – May 2012 | Full-Time

#### Summary:

Worked on mobile web application development for **Nokia WRT (Web Runtime)** using early frontend technologies like **JavaScript**, **jQuery**, **HTML**, and **CSS**. Focused on building lightweight, responsive interfaces optimized for mobile devices.

#### Key Contributions:

- Developed and deployed mobile applications for **Nokia WRT** using **JavaScript**, **jQuery**, **HTML**, and **CSS**.
  - Built UI components tailored for low-memory mobile environments with performance in mind.
  - Collaborated with cross-functional teams to ensure compatibility across device variants and screen sizes.
  - Gained early experience in mobile-first development and application deployment.
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## Projects

### Cue Card Management App – ViXR Engage

**Tech Stack:** React.js, Redux Toolkit, Tailwind CSS, Node.js, Express.js, MongoDB, JWT

**Overview:** Built a scalable, role-based Cue Card management system as part of ViXR Engage to streamline safety audits and instruction tracking.

#### Key Responsibilities:

- Developed dynamic list views based on workspace and user roles using React.js and Redux Toolkit.
  - Implemented complete **CRUD operations** for Cue Cards and nested instruction sets with validation and state management.
  - Built secure APIs with **Node.js and Express.js**, handling user roles, JWT-based authentication, and role-based access control.
  - Connected with Implementation Module for seamless workflow handoff between audit and execution teams.
  - Created view-only modes for auditing, and built robust **filtering/search systems** using tags, categories, and metadata.
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### Checklist App

**Tech Stack:** React.js, Tailwind CSS, Node.js, Express.js, MongoDB

**Overview:** Developed a flexible checklist system for managing field-level safety inspections and item status tracking.

#### Key Responsibilities:

- Designed modular and reusable checklist components with support for check/uncheck, enable/disable, and bulk operations.
  - Built frontend logic for **dynamic filtering** and search using tags and keywords.
  - Developed secure REST APIs using Express.js to handle templates, checklists, and user-specific data.
  - Focused on **UX enhancements** and responsiveness using Tailwind CSS, ensuring smooth usage on various devices.
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## Image Translation Platform (OpenAI-Based)

**Tech Stack:** React.js, Tesseract.js, HTML5 Canvas, Node.js, GPT-4 Vision, OpenAI Image Editing API

**Overview:** Built a React-based platform to translate image text into any language using OCR and AI-based image editing.

### Key Responsibilities:

- Implemented image upload, **text extraction using Tesseract.js**, and image rendering using Canvas API.
  - Designed prompts for GPT-4 Vision to generate translated content while preserving contextual accuracy.
  - Handled OpenAI Image Editing API on the backend to replace text within images while maintaining original design fidelity.
  - Rendered final translated images in the frontend using overlays and canvas updates.
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## Certifications

- **Modern Application Development – NPTEL IIT Madras** (*Top 2%, 89% Score*)

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## Education

- **B.Tech (Computer Science)** – U.P. Technical University (2010)

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## Technical Writing & Community Contributions

- **React.js Blogger on Medium:** [medium.com/@goforindu](https://medium.com/@goforindu)
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