

# RITUL ANAND

Consultant

Bangalore, India

ritulanand1996@gmail.com — 7908253982

GitHub

## SUMMARY

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Front End Developer with 5.6 years of experience building responsive, scalable, and cross-browser web applications using ReactJS, Redux Toolkit, JavaScript, TypeScript, HTML, CSS, Bootstrap, and Angular. Over the past 6 months, I've been actively working on backend development using Node.js, Express.js, and MongoDB, contributing to API creation, database integration, and end-to-end feature delivery. Proven ability to optimize web performance, leading to a 15% improvement in site speed. Currently learning backend frameworks and databases to build end-to-end scalable applications.

## WORK EXPERIENCE

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### Consultant

Capgemini

Jul 2024 – Present

Bangalore, India

- Developed the POC for the MilkMan Application, allowing users to perform full CRUD operations through a performant ReactJS interface. Leveraged Redux Toolkit, TypeScript, and React Hooks to manage state efficiently, implemented lazy loading to reduce initial load time by 40%, and integrated Firebase authentication to secure login/logout flows.
- Delivered a dynamic T-Shirt Customization POC, enabling users to input product data, select sizes, and preview selections in real-time. Built reusable form components using Formik and Yup for robust validation, and crafted a polished UI with Material UI. Leveraged RTK Query for efficient API interactions, resulting in a 30% improvement in UI responsiveness and faster rendering of complex product configurations.

### Analyst

Deloitte

Nov 2021 – May 2024

Bangalore, India

- Engineered responsive user interfaces for industrial applications, leveraging HTML, CSS (Sass), and reusable React components, enhancing user experience scores by 40% and reducing interface load times by 25%.
- Directed a comprehensive audit of the application's codebase, rectifying accessibility violations and achieving AA/AAA compliance, which decreased legal risks associated with non-compliance by 40%.
- Developed user interfaces for a Generative AI platform using React, and implemented unit tests with Jest to ensure code quality and reliability. Demonstrated expertise in end-to-end web application development, from conception to delivery.
- Developed a file upload functionality using ReactJS, handling both success and error responses gracefully based on API results. Implemented user-friendly feedback mechanisms to enhance UX and ensure reliable interaction with backend services.
- Effectively resolved production issues, ensuring minimal downtime. transformed class-based components into functional components, improving project efficiency.

### Systems Engineer

Tata Consultancy Services

Sep 2019 – Oct 2021

Kolkata, India

- Developed core front-end modules and user interfaces based on detailed mockups, with form validation and responsive design best practices. Developed admin panel for a portal using angular 10 which was consuming rest api's.
- Contributed extensively to projects in the Insurance domain (Motor and Health Insurance), aligning solutions with business requirements.

## EDUCATION

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### B.Tech – Electronics & Communication Engineering

Asansol Engineering College

2015 – 2019

West Bengal, India (7.92 DGPA)

### Higher Secondary – CBSE

D.A.V Public School, BSEB Colony

2012 – 2014

Patna (81.8%)

## TECHNICAL SKILLS

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**Languages:** JavaScript, TypeScript

**Frontend:** HTML 5, CSS 3, React JS, Redux Toolkit, Sass, Bootstrap, Material UI, RTK Query, Angular

**Backend:** Node JS, Express JS

**Databases:** MongoDB, Firebase

**Tools:** Git

**Others:** Socket.IO, Object-Oriented Programming (OOP)

## PROJECTS

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- **IRCTC Clone Project:** The IRCTC project is a ReactJS-based web application designed to simulate the core functionalities of the Indian Railway Catering and Tourism Corporation (IRCTC) online ticket booking system. [GitHub]
- **Ecommerce Backend:** The E-commerce Project aims to create a fully functional backend for an e-commerce platform. This project focuses on building APIs to handle core e-commerce functionalities, such as product listing, user authentication, cart management, favorites management, and order placement. [GitHub]
- **PWA Notes- A Progressive Web App for Offline Note-Taking:** This project is a fully-featured Progressive Web App (PWA) that allows users to take notes offline and sync them when online.[GitHub]
- **BuyBusy-Your Shopping Companion:** BuyBusy is a modern e-commerce web application built with React. It provides users with a seamless shopping experience, including features like product browsing, cart management, and user authentication. [GitHub]

## ACHIEVEMENTS

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- Accomplished 300+ LeetCode coding problems, demonstrating strong algorithmic thinking and expertise. [LeetCode]
- Received Spot Award at Deloitte.
- Completed NPTEL course on Problem Solving through Programming in C.
- Completed NPTEL course on Database Management System.