

# Pushpak Kumar Yadav

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## EXPERIENCE

### Front-End Software Engineer (*React.js, JavaScript, HTML, CSS, Next.js, Redux*) 314e Corporation

June 2023 – April 2024  
Bengaluru, India

- Developed a responsive hospital management web application using React.js and JavaScript, resulting in a 15% increase in user engagement.
- Implemented file upload functionality supporting PDF and video formats with features like renaming and categorization, reducing task completion time by 25%.
- Integrated RESTful APIs, ensuring seamless communication between frontend and backend systems.
- Created support documentation and user guides to assist users with platform features.
- Utilized HTML, CSS, JavaScript, and React to build dynamic and responsive user interfaces.
- Wrote end-to-end test cases using Playwright to ensure application reliability and performance across multiple user flows.

## TECHNICAL SKILLS

- Languages** : JavaScript, TypeScript, HTML, CSS, TailwindCSS, C++, Python
- Frameworks** : React.js, Bootstrap, Ant Design (antd), Next.js
- Tools** : Visual Studio Code, Git, GitHub, Postman, Playwright
- Concepts** : Responsive Design, REST APIs, State Management, Redux, SQL, Playwright Testing Systems, DBMS, Threading, Object Oriented Programming.
- Algorithms** : Data Structures and Algorithms, solved 400+ problems on GFG

## PROJECTS

### ChatBot Application

*React, JavaScript, TypeScript, HTML, CSS*

- Designed and implemented a chatbot application enhancing user interaction and providing real-time assistance.
- Integrated backend systems and third-party APIs, optimized performance and minimized load times.
- Built UI components with conversational flow for dynamic responses and personalized interaction.

### Movie Recommendation System

*Python, NumPy, Pandas, Matplotlib*

- Built a movie recommendation system entirely using Python for data processing and analysis.
- Employed NumPy and Pandas to manage and manipulate large movie datasets.
- Used Matplotlib to create visualizations of user preferences and movie trends.
- Implemented a recommendation algorithm to suggest movies based on user input and similarity metrics.

## EDUCATION

### Indian Institute of Information Technology Ranchi

*Bachelor of Technology in Electronics and Communication, CGPA: 7.78*

Ranchi, Jharkhand, India

*July 2019 – May 2023*

## ACHIEVEMENTS

- Completed 400+ problems of DSA (GeeksforGeeks) to enhance my problem-solving and algorithmic skills.
- Winner of the Open-Mic event, demonstrating excellent communication skills.