

Aarti Yadav

Nagpur, India | +91 7083790481 | aartiyadav2405@gmail.com

[LinkedIn](#) | [GitHub](#)

SUMMARY

Frontend Developer with 4 years of experience specializing in React.js and JavaScript for building dynamic, scalable web applications. Proven expertise in developing responsive UIs, implementing modern JavaScript (ES6+), and optimizing performance. Proficient in integrating RESTful APIs, collaborating in agile teams, and deploying code using CI/CD tools like Jenkins and Docker. Adept at solving UI challenges and delivering intuitive, cross browser-compatible user experiences.

EDUCATION

Bachelor of Engineering (Computer Science)

2017 - 2021 | G.H. Raisoni College of Engineering, Nagpur

- CGPA: 8.5/10

SKILLS

Languages & Frameworks:

- **Front-End** : HTML, CSS, JavaScript (ES6+), Bootstrap and Tailwind CSS
- **React.js** : Functional Component Architecture, Virtual DOM, JSX, React Hooks (), Custom Hooks, Declarative UI, State Management (Context API, Redux Toolkit), Routing (React Router DOM), Advanced Concepts (Higher-Order Components 'HOC', Render Props, Error Boundaries) and Performance Optimization (React.memo, useMemo, useCallback).

Backend:

- Web service and REST API integration using **Express.js**.

Databases:

- Proficient in **MySQL** with and **MongoDB** with tools like MongoDB Compass and MySQL Workbench.

Development Tools:

- **Development Tools**: Visual Studio Code, Postman, Chrome DevTools
- **Deployment**: Jenkins (CI/CD), Docker (containerization)
- **Version Control**: Git, GitHub, TortoiseGit
- **Build Tools**: Create React App (CRA), Vite.

EXPERIENCE

System Engineer,

Sept 2022 - Present | Tata Consultancy Services, Nagpur

Worked on a large-scale vehicle configuration platform:

- Developed a dynamic configurator dashboard for commercial and passenger vehicles using React and Redux Toolkit.
- Integrated backend APIs using Express.js for real-time vehicle data updates.
- Worked with Jenkins and Docker to deploy builds to staging and UAT environments.
- Handled browser compatibility issues, optimized UI for mobile and desktop views.
- Collaborated in agile sprints, participated in code reviews, and ensured high test coverage.

Assistant System Engineer

Jul 2021 - Sept 2022 | Tata Consultancy Services, Nagpur

- Developed and designed a **banking customer statement report** using the Eclipse-based **BIRT tool**, incorporating **HTML, CSS, and JavaScript** to improve maintainability. Utilized a **MySQL database** for backend data management.
- Optimized SQL queries for faster data retrieval, reducing response times by 20%.
- Contributed to the development of responsive UI applications, ensuring compatibility across devices and platforms.
- Enhanced project workflows through Git version control, enabling smooth project tracking and collaboration.

PROJECTS

GMART: [\(Try it here\)](#)

- Created a MERN e-commerce application that provides functionality for logging in and purchasing groceries online.

ECOMM React - User-Friendly E-Commerce App: [\(Try it here\)](#)

- Built a complete e-commerce platform using React.js for the frontend, integrated with REST APIs created using Express.js and a MongoDB database.
- Implemented features such as user authentication using JWT tokens, with session persistence through local and session storage.
- Developed core functionalities, including user management (Sign In, Sign Out, Reset Password, Profile Settings), shopping cart, and checkout processes to deliver a seamless user experience.