

Bhartesh Girmal

Front-End Developer

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[Github](#) | [Portfolio](#) / [Linkedin](#)

SUMMARY

Results-driven Front-End Developer with 2 years of experience at Tata Technologies, specializing in creating scalable, responsive, and optimized web applications. Proficient in React.js, JavaScript, and modern front-end development practices, with a proven track record of enhancing user experiences and delivering innovative solutions. Adept at building dynamic, user-friendly interfaces aligned with business goals.

EDUCATION

Center for Development of Advanced Computing (CDAC)

Institute of Emerging Technologies, Pune

Diploma in Advanced Computing | 2022

Dr. J.J. Magdum College of Engineering, Jaysingpur.

B.E. in Mechanical Engineering | Jaysingpur | 2017–2020

EXPERIENCE

Solution Developer | Tata Technologies (June 2023 – Present)

- Developed 30+ reusable **React.js components**, improving UI responsiveness and reducing user interaction time by 25%.
- Refactored JavaScript codebase, achieving a **40% improvement** in page load times.
- Built interactive dashboards with **Chart.js** and **D3.js**, enhancing data visualization for end users.
- Collaborated with UX designers to create seamless and responsive interfaces using **HTML5**, **CSS3**, and **Bootstrap**.
- Integrated **APIs** dynamically to enhance front-end functionality and ensure smooth data flow between client and server.

Skilled Engineer-GET | Tata Technologies (Jan 2023 – June 2023)

- Delivered 20+ responsive **UI components** using modern tools like React.js, ensuring cross-browser compatibility.
- Automated repetitive front-end tasks, boosting team productivity by 20%.
- Streamlined workflows by integrating **REST APIs**, reducing data retrieval times by 30%.
- Collaborated on designing and implementing mobile-first designs, ensuring usability on various devices.

PROJECTS

• Cost Engineering Application:

- Designed and implemented **React.js-based components** for predictive costing and approval workflows for 200+ users.
- Created interactive, responsive data visualizations using **Chart.js** and **D3.js** to aid cost analysis.
- Developed a responsive UI optimized for desktop devices.
- Automated data synchronization with backend APIs for real-time updates.

• ESDO 2.0 Application:

- *Engineering Service and Design Outsourcing* platform used internally by Tata Motors for material procurement workflows.
- Facilitates outsourcing requests for materials from external vendors.
- Designed a streamlined material procurement workflow system using **React.js** for UI and **Bootstrap** for styling.
- Implemented responsive approval workflows with **dynamic UI elements** to improve user interactions.
- Integrated notification systems to enhance user experience and keep stakeholders informed.

• Connected Vehicle Platform:

- A real-time data processing and communication platform using MQTT for sending CAN data from passenger vehicles.
- Captures real-time vehicle data and events such as engine start/stop, brake application, and tire pressure etc.
- Processes data from both real vehicles and virtual VMs, ensuring seamless integration and consistency.
- Integrated **Kafka and Kubernetes Pods** for high-scalability data streaming.

TECHNICAL SKILLS

- **Frontend Technologies:** ReactJS, TypeScript, JavaScript, AJAX, jQuery
- **Styling Frameworks:** CSS3, Bootstrap, SCSS
- **Programming Languages:** JavaScript (ES6+), Java (Core), C++
- **Databases:** MySQL
- **Version Control & Deployment:** Git, Linux
- **Libraries & Tools:** Chart.js, D3.js, Redux
- **Other Skills:** API Integration, Responsive Design, Cross-Browser Testing

CERTIFICATION

- **Complete React Developer (w/Redux, Hooks, GraphQL) | Udemy | Dec 2024**
- **The Complete JavaScript Course | Udemy | Jan 2024**
- **Robot Framework with Python Selenium | Udemy | Mar 2023**