



# Bhushan Deshmukh

MERN developer

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## Summary

Dynamic React Developer with over a year of experience in building robust web applications using React.js, pure understanding of hooks and state management with Redux Toolkit and context API, advanced routing, data fetching with TanStack React Query, and form handling and responsive UI development Tailwind CSS. Skilled in API integrations, Node.js API development, and database integrations and schema designs. Adept at leveraging JavaScript and Python stacks to create scalable applications. Proven ability to collaborate effectively in multidisciplinary teams, passionate about continuous learning, and eager to contribute to innovative projects in a dynamic work environment.

## Key Skills

- Software Engineering
- Software Testing
- API Testing
- Figma design
- Front end Development
- Databases
- Postman
- Object oriented programming
- Back-end Development
- API development and Integration
- JMeter

## Technical Skills

- JavaScript
- Python
- HTML
- MySQL
- Plotly
- Beautiful soup
- React JS
- Numpy
- CSS
- Oracle SQL
- Rechartsjs
- Selenium web-driver
- Next JS
- Pandas
- Tailwind CSS
- MongoDB
- Flet UI
- TypeScript
- Flask
- Node JS

## Professional Experience

**Mylab discovery solutions Pvt. Ltd.** January 2023 - March 2024

React JS developer- jr. Data Analyst

Developed a data analysis dashboard for the disease detection biomedical device “myBox” using React.js, integrating APIs, state management, and core JavaScript features. Enhanced applications with dynamic data visualization, responsive design, and advanced CSS techniques. Collaborated with cross-functional teams to optimize performance and user experience, along with various smaller projects

**Senwell solutions Pvt. Ltd.** August 2024 - present

Software developer-MERN

Led development and team coordination on project Doctor Alliance, a US healthcare project aimed at eliminating paperwork between insurance companies, healthcare agencies, and hospitals, developed using React JS for front-end and Nest JS for back-end to deliver a scalable, high-quality application.

## Projects

### MyBox Portal

I contributed to the myBox biomedical device project, Where I developed the myBox Portal. The utility portal enabled test cassette analysis, graph generation, data access and model prediction and training capabilities. I implemented role-based access control for user management and diverse access levels through admin controls

### Compact-DX LIS

The Compact-DX LIS project is a system designed to initiate RTPCR runs on the Compact-Dx device for various samples. Users can conveniently monitor the ongoing sample runs in real-time, and once a run is completed, it is automatically transferred to a list of finished runs. Additionally, the system offers the capability to download relevant files.

### Compact-DX Portal

Compact-DX portal is utility product for Compact-DX machine which is developed for DNA extraction and RTPCR. Compact-DX portal is used to track the experiments done on various variants of Compact-Dx series of machine. And analyze the result graphs generated and to also the CT value curves. It has section for history details of an experiments

### Doctor Alliance

Led development and team coordination on project Doctor Alliance, a US healthcare project aimed at eliminating paperwork between insurance companies, healthcare agencies, and hospitals, developed using React JS for front-end and Nest JS for back-end to deliver a scalable, high-quality application.

Github: <https://github.com/Dev-Bhushan-Deshmukh>

## Education

- Bachelors of business Administration (Computer Application) -2023 October  
MES Garware College of Commerce Pune.
- Higher Secondary Education -2019 July  
Rekhaji Naik College of Arts and Science.