


 bharvath-m-0377aa228/

 Portfolio

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 9043504370

# BHARVATHKUMAR M

Software Engineer



## SUMMARY

Experienced React and Node.js developer with over 3 years of hands-on experience in building scalable and efficient web applications. Proficient in front-end development with React, state management with Redux, and back-end development with Node.js and Express. Strong understanding of RESTful APIs, database management with MongoDB, and deployment using tools like Heroku and AWS.

## PROFESSIONAL EXPERIENCE

### Tata Consultancy Services Limited

Dec '21 - Present

- Developed scalable and reusable components in React to create interactive user interfaces, leveraging state and props to efficiently manage application data and improve overall performance.
- Implemented state management with Redux for complex application data flow, enabling a centralized store to manage the entire state of the application.
- Designed and developed RESTful APIs using Node.js and Express for reliable communication between multiple systems for ensuring high-performance and scalability front-end and back-end.
- Integrated third-party APIs in both React and Node.js applications to incorporate additional functionality and enhance the user experience, ensuring seamless communication between different services and systems.
- Collaborated with UI/UX designers and product managers to deliver user-friendly and visually appealing web applications.
- Deployed applications to cloud platforms like Heroku and AWS, ensuring optimal performance and reliability.

## EDUCATION

### Computer Science & Engineering(B.E)

Jun '17 - Jun '20

PSG college of Technology

## KEY SKILLS

\*Languages: JavaScript,React, Redux, HTML5, CSS3, Bootstrap,Typescript,Core java.

\*Back-end: Sql, Node.js, Express, MongoDB.

\*Tools & Technologies: Git, Heroku, AWS, Postman,VS code,Eclipse,Recon.

\*Other: RESTful APIs, Agile methodologies, Cross-functional collaboration .

## PROJECTS

### Grocery Management Website

- Generated for customer to add an daily essential based on user needs.By checking your product data is up-to date,new products are added to the web store, old products are removed,to remember the missing products.
- Additionally, the system should provide analytics and reporting capabilities to help identify trends, popular products, and areas for improvement, enabling data-driven decision-making and facilitating continuous enhancement of the platform's performance and user satisfaction.

### HOSTEL MANAGEMENT SYSTEM

- Created a hostel application management web app to track students where they are, note the attendance of students according to room no and download data of attendance for each day.
- Implemented secure user authentication and authorization mechanisms to ensure that only authorized personnel can access and modify sensitive data within the hostel management web app, enhancing data privacy and overall system security.