

Bhargav Jeerreddy



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Full Stack Web Developer

As a MERN Stack Web Developer, I excel in both front-end and back-end development, proficiently navigating the entire development lifecycle. With a strong command over programming languages and methodologies, I specialize in crafting and implementing functional specifications, ensuring seamless user experiences and robust application performance.

Skills and Competencies:

Languages: JavaScript, TypeScript, Python, HTML, CSS

Frameworks/Libraries: ReactJs, NextJs, Node.js, Express, Redux, TailwindCSS, Bootstrap5, mongoose, Pandas

Data/Tools: MongoDB, MySQL, Firebase, Postman

Version Control: Git, GitHub

Soft skills:

Communication, Teamwork, Leadership, Problem-solving, Adaptability, Creativity, Goal setting, Attention to detail

Work Experience:

Project #1	IssueTrack App
Role	NextJS Developer
Project Description	A NextJS ticketing application was developed for users to report system-related issues. The advanced form submission feature can be utilized by users to describe the issue in detail, track its progress, make edits, and delete the ticket once the issue has been handled.
Responsibilities	<ul style="list-style-type: none">➤ Created a home page with an intuitive, responsive, and attractive user interface that allows users to track the tickets they have raised.➤ Developed an effective ticketing form that collects all the information needed to identify the problem and assigns it to the appropriate category.➤ Performing CRUD operations asynchronously on the ticket seamlessly, connected to the database.➤ Code written for both back-end and front-end making use of advanced NextJS14 features.
Environment	Technologies : NextJS 14 UI : React, TailwindCSS Server : MongoDB, mongoose OS : Windows

Project #2	Book Store
Role	MERN Stack Developer
Project Description	Developed a book store app that enables users to browse all books on the website and obtain detailed information about a specific book. In addition, users have the ability to add new books, modify existing ones, and delete books as required.
Responsibilities	<ul style="list-style-type: none">➤ Leveraged full-stack capabilities to ensure seamless functionality, allowing users to browse, search, and interact with a diverse catalog of books in an intuitive and engaging manner.➤ CRUD actions on the Book Store are performed asynchronously and securely from front-end to the back-end while connected to the database.

	➤ Code written for both back-end and front-end making use of advanced NextJS14 features.
Environment	Technologies : React, Node.js, Express UI : React, TailwindCSS Server : MongoDB, mongoose OS : Windows

Project #3	Free Online Courses Multipage-web-app
Role	Full Stack Developer (React + Firebase)
Project Description	Deployed a dynamic and adaptable web application for free online courses that includes comprehensive search capabilities, enabling users to search for courses by tutor's name or course title, as well as a course filter option. Upon securely logging in, users can access their individually enrolled courses along with a timeline and wishlist courses.
Responsibilities	<ul style="list-style-type: none"> ➤ Designed advanced Home Page for users to access the courses through course title, tutor or course category. ➤ Implemented the protected routes to provide access the profile page only after secure login. ➤ Maintained the global state for user login status, courses enrolled and wishlisted courses using redux-thunk while connected to firestore for real-time updates. ➤ Created a user learning status monitor section where users can track their enrolled courses learning curve. ➤ Enrolled courses now have the ability to change their status from "in progress" to "completed," and the profile page also has the ability to remove courses that you no longer wish to enroll in.
Environment	Technologies : React, Firebase UI : React, Bootstrap5 Tools : Redux, Redux-Thunk, ContextAPI, React-Router-Dom Server : Firestore, Firestore OS : Windows

GIS/GPS Manager (Waqf Project – Central Govt.) – IIT Hyderabad

June 2022 – May 2023

Assistant Professor – Autonomous Engineering college Faculty

June 2018 – Aug 2020

Vasavi college of Engineering – 12 months, AVN college of Engineering – 9 months

Certifications

JavaScript Algorithms and Data structures - [freeCodeCamp](#)

Front End Development Libraries - [freeCodeCamp](#)

Back End Development and APIs - [freeCodeCamp](#)

Responsive Web Design - [freeCodeCamp](#)

Education

Masters in Environmental Engineering

Aug 2020 – July 2022

- IIT Hyderabad, Telangana. C.G.P.A : 9.76

Masters in Marine Structures

July 2016 – June 2018

- NIT Surathkal, Karnataka. C.G.P.A : 7.47

Bachelors in Civil Engineering

July 2011 – May 2015

- Koneru Lakshmaiah University, Vijayawada, A.P. C.G.P.A : 7.83

Languages

Telugu, English, Hindi

I hereby declare that all the information given above is genuine to the best of knowledge and I take full responsibility for its correctness.

Bhargav Jeerreddy