

Bhargav Jeerreddy



• Ph: 8919471367 • [Portfolio](#) • [LinkedIn](#) • [GitHub](#) • Jeerreddybhargav.iith@gmail.com

MERN Stack Junior 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.

Projects

Project 1: [Book Store](#) – Full Stack Web Application (MERN)

React, Node.js, Express, Mongoose, MongoDB, TailwindCSS, Dynamic & Responsive

Project 2: [Free Online Courses](#) Multipage-web-app (Course listing page, Course details page, Student dashboard)

React, Protected Routes, contextAPI, redux, redux-thunk, User Authentication, Firebase Integration, Real-time Functionality, Lazy Loading

Project 3: Government Project [Survey App](#) – Clone

React, Redux, Firebase & Firestore, Data Management, Secure Modification Access, Real-time Functionality.

Project 4: Fully Responsive [Personal Portfolio](#) Website – HTML5, CSS3, JavaScript (ES6)

Skills and Competencies:

Languages: JavaScript, TypeScript, Python, HTML, CSS

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

Data/Tools: MongoDB, MySQL, Firebase

Version Control: Git, GitHub

Soft Skills: Communication, Teamwork, Leadership, Problem-solving, Adaptability, Creativity, Goal setting

Work Experience:

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

June 2022 – May 2023

Achievements:

- Boosted productivity by 20% through automating daily creation of comprehensive Excel summaries for surveyed data which include various parameters.
- Optimized data collection and manipulation efficiency by seamlessly integrating Python with MySQL API, including the creation of a robust relational database management system (RDBMS).
- Developed a robust GUI with image compression and file manipulation capabilities, resulting in a 50% reduction in data verification and uploading load.

Assistant Professor – Faculty – Hyderabad

June 2018 – Aug 2020

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

Contributions:

- Offered three courses to undergraduate students.
- Guided four final year students in their major projects.
- Actively contributed to course curriculum revision and supervised activities at the departmental tech fest.
- Mentored more than 100 students as a faculty coordinator.

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

Publications

Conference – INCHOE 2018, 26-28 September, CWPRS Pune

Bhargav.J, Nasar.T and Kunhimammu Paravath (2018) “A study on shoreline configuration dynamics of Beypore estuary using End point rate analysis – During and Post Construction of Breakwaters” Indian national conference on INCHOE 2018.

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