

BONTA HARISWAR REDDY

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EDUCATION

Indian Institute of Information Technology, Agartala
Bachelor of Technology in Computer Science and Engineering | CGPA: 8.05

Aug. 2023 – Present
Agartala, Tripura

EXPERIENCE

Web Developer
Annapurna Homestay

Dec 2024 – Feb 2025
Link

- Launched a responsive website using React ensuring 100% responsiveness across 3+ devices using media queries resulting in a 25% increase in mobile traffic and a 15% increase in user engagement.
- Boosted website performance by cutting page load by 40% through code optimization and achieved performance score of 95+ and improving site navigation by 30%.
- Used CSS animations to boost website functionality and user interaction resulting in a 30% increase in time spent on site
- Completed the design and development of a fully responsive website in under two months, demonstrating strong time management and efficient project execution. Delivered a high-quality functional site ahead of schedule.

PROJECTS

ECHO ECOMMERCE SITE | *HTML, CSS, react, Javascript, node, express, mongoDB*



- Echo eCommerce is a full-stack online shopping platform built and launched using MongoDB, Express.js, React, and Node.js. Integrated product search, cart management, and user profiles with REST APIs. Improved page performance by 40% using lazy loading
- Boosted page load speed by 40% via React lazy loading, image compression, and MongoDB indexing. Achieved 100 SEO score and optimized database queries to handle high traffic, improving page load times by 15%.
- Implemented JWT and bcrypt for user login/registration, reducing security vulnerabilities by 95%. Added role-based access control for admins and customers where admin can manage products, users, reviews

Chatter's Hub | *HTML, CSS, react, Javascript, firebase*



- Created a responsive chat application leveraging React.js and Chakra UI, ensuring 100% mobile and desktop compatibility, resulting user friendly experience across multiple devices with a Lighthouse performance score of 96+.
- Strengthened user experience by migrating to Firebase Authentication and Firestore, supporting 10,000+ concurrent users with minimal latency and zero downtime incidents.
- Implemented message handling, utilizing server-side time stamping to ensure messages are ordered correctly and displayed in real time, improving interaction speed and minimizing load time 40%.
- Improved application performance by reducing unnecessary renders and efficiently managing user sessions, resulting in a 30% improvement in app speed and responsiveness when interacting with Firebase services.

XBit Web Application | *HTML, CSS, react, Javascript*



- Deployed Xbit web application a cryptocurrency platform using React and Vercel, improving scalability and performance by 40%. Focused on responsive design, ensuring seamless access across 100% of devices.
- Upgraded website performance and accessibility, achieving a 98% accessibility score and improving SEO rankings by 50%. Used lazy loading and asset optimization, reducing load times by 30%.
- Enhanced data visualization with interactive charts, enabling users to analyze 24-hour and 30- day market trends with tooltip functionality.

TECHNICAL SKILLS

Web Development: Node js, Express, Redux, React, EJS, HTML, CSS

Programming Languages: C, C++, Python, JavaScript

Database: MySQL, Oracle Relative Database Management System, MongoDB

Developer Tools: VS Code, PyCharm, Git and Github, Sublime Text, Firebase, Postman API, MongoDB Atlas

ACHIEVEMENTS

- Solved 250+ Leetcode Problems, enhancing skills in dynamic programming, graphs, recursion and backtracking.
- Secured a top 5% rank in JEE Mains among 8,00,000+ students, showing fast learning and adaptability.