

# BONTHA HARISWAR REDDY

+91 6363211442    harib2410@gmail.com    hari2410    hariswarreddy

## 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**

- Launched a responsive website using HTML, CSS and JavaScript, ensuring 100% responsiveness across 3+ devices (desktop, tablet, mobile) using media queries resulting in a 25% increase in mobile traffic and a 15% increase in user engagement.
- Enhanced 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

### Chatters Hub | *HTML, CSS, react, Javascript, firebase*



- Created a responsive chat application leveraging React.js and Chakra UI, ensuring 100% mobile and desktop compatibility, resulting in an optimized user experience across multiple devices. Achieved a Lighthouse performance score of 96+, providing an optimized experience across desktop and mobile devices.
- Integrated Firebase Authentication and Firestore for secure Google-based sign-in and real-time data storage, enhancing user engagement by supporting live message updates with automatic scrolling for a seamless conversation flow.
- Implemented dynamic message handling utilizing server-side timestamping to ensure messages are ordered correctly and displayed in real time, improving interaction speed and reducing load times by 40%.
- Optimized 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*



- Created 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. Enhanced user engagement through an intuitive and visually appealing interface.
- Optimized 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%. Conducted cross-browser testing to ensure compatibility across all major platforms.
- Deployed and maintained the platform on Vercel, leveraging serverless architecture for 99.9% uptime and faster content delivery.
- Enhanced data visualization with interactive charts, enabling users to analyze 24-hour and 30- day market trends with tooltip functionality.

### Jarvis Voice Assistant | *Python*



- Developed a Python-based voice assistant using the speech recognition library, enabling accurate speech to text functionality with over 90% accuracy in controlled environments and customizable audio feedback to users.
- Automated web browsing tasks such as opening websites, using Python's webbrowser module to improve task efficiency by 50%.
- Designed a real-time command processing and error-handling mechanisms, achieving a 95% success rate in executing user commands

## TECHNICAL SKILLS



**Development:** React, HTML, CSS

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

**Database:** MySQL, Oracle Relative Database Management System

**Developer Tools:** VS Code, PyCharm, Git and Github, Sublime Text, Firebase

## ACHIEVEMENTS

- Solved 250+ Problems on Leetcode showcasing advanced coding skills and exceptional problem solving abilities. 
- Earned the "Ninja Dominator" title at Coding Ninjas by maintaining a top 5% ranking among 10,000+ participants 
- Ranked in top 5 percentile in JEE MAINS among 8 lakh students