HARIHARAN M

• Chennai, Tamilnadu

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Education

B.E Electronics and Communication

2021 - Present

St Joseph's College of Engineering, Chennai

CGPA 8.20

Experiences

Bharat Heavy Electricals Limited

Iun 2024

- Contributed to projects in renewable energy, focusing on solar panel efficiency, battery storage, and grid integration.
- Conducted in-depth circuit analysis and quality control for electrical components, enhancing design efficiency and decreasing defect rates through testing protocols and innovative methodologies.

Bharat Sanchar Nigam Limited

Dec 2022

- Explored telecommunication implant technology and its role in modern networks, highlighting applications and advancements in telecommunications.
- Studied the fundamentals of telecommunication networks, covering protocols, signaling, and network architecture to understand network operation and design principles.

Projects

Weather App | Html, Css, Javascript, OpenWeather API

- Developed a real-time weather application with JavaScript and OpenWeatherAPI, demonstrating proficiency in API integration and dynamic UI updates.
- Implemented an interactive weather display using JavaScript for user-friendly weather reporting.

Face Emotion Detection and Recognition | Html, Css, Javascript

- Developed a real-time Facial Emotion Recognition system using JavaScript, showcasing expertise in live face detection, landmark recognition, and emotion analysis.
- Implemented dynamic emoji overlays on video feeds, enhancing user experience by visually representing detected emotions in real-time.

Dice Game | Html, Css, Javascript

- Developed an interactive dice game application using JavaScript, showcasing proficiency in programming logic, event handling, and user interface design.
- Implemented DOM manipulation techniques and game logic algorithms to update HTML elements dynamically and enhance user experience.

Technical Skills

Certifications

- Front-end: Html, Css, Js
- Languages: Javascript, Java, C
- UI Design: Figma
- Database: MySQL
- Others: Networking, IoT
- HTML, CSS, and Javascript for Web Developers Coursera
- Javascript (Intermediate) <u>Hackerrank</u>
- Introduction to Networks <u>Cisco</u>
- The Complete Javascript Course Udemy
- Learn C Codechef
- Java HackerRank

Archievements

- Inter College Hackathon 2024 (Finalist)
- CIT College Paper presentation (II Place)
- Savitha College Paper presentation