Kathiravan B

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EDUCATION

Chennai Institute of Technology   Chennai,TN

Bachelor of Engineering in Computer Science (Artificial Intelligence & Machine Learning)

CGPA- 9.15

Sep. 2023 – Present

SKILLS

- **Programming Languages:** C++, Java, Python, JavaScript.
- **DevTools:** Figma, Git, GitHub, Visual Studio.
- **WebFrameWorks:** React.js,Express.Js,Django
- **Databases**: SQL (MySQL) NOSQL(MongoDB)

INTERNSHIP EXPERIENCE

- **AICTE Virtual Internship on Networking**   July 2024 – Sept 2024
  EduSkills.

  Completed a virtual internship on Networking for Cyber Professionals from AICTE in Zscaler Academy and Eduskill, acquiring essential networking concepts, hands-on experience with tools, and insights into industry best practices for secure network design. Engaged in collaborative projects to apply knowledge in real-world scenarios.

PROJECTS

Smart Doc 🔗 | HTML, CSS, JS, Cropper.JS,

- **Automated Exam Document Conversion:** The project focuses on converting exam documents from various formats (e.g., PDFs, Word files) into a more manageable and standardized format, streamlining the process for both exam creation and grading.
- **User-Friendly Interface:** The tool emphasizes a simple and intuitive interface that allows users to drag-and-drop files, select output formats, and view real-time previews of converted documents

Chat Application 🔗 | HTML, CSS, JS, Socket.io,Node.js,Express.js

- **Real-Time Messaging via Socket.io:** The application allows users to engage in live chat sessions using Socket.io, which facilitates real-time communication between clients without storing messages. Users can send and receive messages instantly as long as they are connected to the session.
- **Simple Server-Client Architecture:** Built on Node.js with Express.js for handling HTTP requests, the server facilitates the transmission of messages between clients using WebSockets, without the need for any persistent storage or database.
- **Frontend Interaction with HTML, CSS, and JavaScript:** The user interface is built using HTML and styled with CSS, while JavaScript is used to handle client-side events like sending and receiving messages. Since there is no database, messages are only available during the current session, and once the session ends, the chat history is cleared.

ACHIEVEMENTS AND CERTIFICATES

- Achieved the runner-up spot in Ideathon'23, an intra-college hackathon
- Reached the pre-finalist round in Electrothon'24, an intra-college hackathon.
- **CISCO** – Networking Essentials,Cybersecurity Essentials, Introduction to Cybersecurity.