

Arumuga Thangaraj P

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Professional Summary

I have completed my B.E. in Computer Science and Engineering, where I built a solid foundation in front-end development using HTML, CSS, JavaScript, and React. As part of my final-year project, I developed a Migrant Worker Support Website, gaining hands-on experience in building user-friendly, real-world solutions. While I’ve explored backend development, my current strength lies in front-end technologies. I’m now stepping into the professional world, eager to contribute to impactful projects, collaborate with experienced developers, and continue expanding my skills—especially in modern frameworks and backend systems.

Skills Summary

- **Programming Languages** : HTML, CSS, JavaScript, Python
- **Framework and Libraries**: Bootstrap and React.js
- **Tools** : Git, GitHub, Postman, Vite, Visual Studio Code
- **Soft Skills** : Problem-Solving, Attention to Detail, Team Collaboration, Communication
- **Languages** : Tamil, English

Internships

Full Stack Developer Intern [\(Link\)](#)

Code Clause Virtual Internship

Project Title: Chat Room Application

- **Project Overview:** Developed a real-time chat application supporting instant messaging between multiple users in dedicated chatrooms.
- **Frontend Development:** Built responsive layouts using **HTML, CSS, and JavaScript**, ensuring seamless display across devices. Implemented modern styling practices and optimized loading speeds for better user experience.
- **Backend Integration:** Utilized **Node.js** and **Socket.IO** to enable real-time communication and dynamic content updates. Configured local server environments to support testing and development.
- **Real-Time Communication:** Implemented WebSocket-based messaging features, enabling instant updates without page refresh, improving engagement and user interactivity.

Projects

Migrant Support Hub [\(Link\)](#)

Role: Frontend Developer

Tool Used: HTML, CSS, JavaScript and Bootstrap

Description: Designed and developed the frontend of a web platform aimed at supporting migrant workers in Tamil Nadu. Created responsive layouts using Bootstrap and custom CSS for features such as complaint registration, support tracking and a community forum. Ensured an accessible and user-friendly interface with clear navigation and visual hierarchy. Worked closely with backend developers to integrate Firebase Authentication and Fire store contributing to frontend-backend communication using RESTful APIs. This project offered valuable experience in real-world problem solving and collaborative development.

Seating Chart Manager [\(Link\)](#)

Role: Frontend Developer

Tools Used: React.js, Vite, HTML, CSS, JavaScript, Vercel

Description: Built an interactive seating chart management system using React and Vite, allowing users to reserve, release, and reset seats dynamically. Implemented state management with React hooks to track seat availability and real-time updates of reserved and available counts. Designed a grid-based UI for clear seat visualization with hover tooltips and accessible ARIA labels. Added a reset feature to clear all reservations instantly and a legend for intuitive user guidance. Styled the interface with custom CSS, ensuring responsiveness across devices using Flexbox and media queries. Deployed on Vercel for seamless access and scalability. This project strengthened my skills in React state management, accessibility, and responsive UI design.

Certification

- **Front-End Development** *Coursera* — Completed coursework covering HTML, CSS, JavaScript, and responsive design principles. [\(Link\)](#)
- **Python Programming** *Hacker Rank* — Earned certification demonstrating proficiency in Python fundamentals, problem-solving, and coding practices. [\(Link\)](#)

Education

- B.E. – Computer Science and Engineering (2021 – 2025)
PGP College of Engineering and Technology **Percentage:** 82%
- Arumugam Academy Matric. Higher Secondary School –(HSC) (2021) **Percentage:** 87%
- Government Boys Higher Secondary School –(SSLC) (2019) **Percentage:** 80%