

Joel. A

Aspiring Full Stack Developer

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PROFILE SUMMARY

Final-year B.E. Computer Science student and certified MERN Stack Developer with hands-on experience building scalable web applications. Proficient in developing RESTful APIs with Node.js and creating interactive UIs with React and Tailwind CSS. Successfully delivered full-stack projects including a Hospital Management System and an E-commerce platform. Passionate about clean code, automated testing, and solving real-world problems through technology.

PROJECTS

Hospital Management App

[Live Link](#) | [GitHub Link](#)

- Designed a hospital management system to manage doctors, patients, diseases, appointments, and admin workflows.

Key Contributions:

- Designed and implemented the backend RESTful APIs using Node.js and Express.js to handle hospital data, patients, and doctors.
- Integrated MongoDB database to store and retrieve doctors and patients information efficiently.
- Developed the front-end user interface using HTML5, CSS3, and JavaScript, providing an intuitive and responsive booking experience.

Netflix Clone

[Live Link](#) | [GitHub Link](#)

- Created a Netflix-style web application to display movies and shows with a modern streaming UI.
- Features include categorized content rows, responsive design, and dynamic data rendering.
- Built using React for frontend, API integration for content, and modern CSS styling.
- **Search Functionality:** Built a real-time search bar to filter movie titles dynamically from the API.

Flight Ticket Booking

[Live Link](#) | [GitHub Link](#)

- Developed a flight ticket booking platform that displays available flights and manages user accounts securely.
- Implemented user authentication and authorization using JWT with protected routes and session handling.
- Built using MERN stack with MongoDB for user data storage and JWT for security.

Elite Shopping E-commerce

[Live Link](#) | [GitHub Link](#)

- Developed a comprehensive e-commerce platform featuring a product catalog, user shopping cart, and checkout flow. Built using MERN stack with MongoDB for user data storage and JWT for security.
- Implemented state management using **Redux** to handle real-time cart updates and persistent user sessions.
- Integrated **MongoDB** to manage complex data schemas for products, categories, and order history.

CERTIFICATIONS

Certification in Full Stack Development (MERN)
Illinois Tech US

Feb 2025 – Aug 2025

Full Stack Development (MERN)

Entri Elevate

Feb 2025 – Aug 2025

- Covered both front-end and back-end technologies, including HTML, CSS, JavaScript, and React.js for building dynamic user interfaces.
- Explored server-side development with Node.js and Express.js while integrating MongoDB for efficient data storage and retrieval.
- Worked on real-time projects to enhance problem-solving and development skills.

EDUCATION

Bachelor of Engineering — Computer Science and Engineering | S. Veerasamy Chettiar College of Engineering and Technology, Puliangudi, Tenkasi 2023 – 2027

SKILLS

Programming: Java, Python, C, JavaScript

Frontend Technologies: HTML, CSS, Bootstrap, Tailwind, React, Redux

Backend Technologies: Node.js, Express.js

Database: MongoDB, MySQL

Testing: Jest, Cypress

Soft Skills: Adaptability, Creativity, and Problem Solving