

Senthilnathan R

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GitHub: github.com/senthilnathan-2004

Summary

Computer Science undergraduate with strong skills in **Full Stack Development** using the **MERN stack** and **Spring Boot**. Experienced in building **scalable, maintainable web applications**. Focused on writing **clean, efficient, and user-centric code**.

Skills

- **Languages:** HTML5, CSS3, JavaScript (ES6+), Python, Node.js, SQL
- **Frameworks/Libraries:** React.js, Springboot, Express.js, Bootstrap, Redux
- **Databases:** MongoDB, MySQL
- **Tools:** Git, GitHub, Postman, VS Code
- **Soft Skills:** Analytical Thinking, Team Collaboration

Education

- **Anand Institute of Higher Technology, Chennai** **2022–2026**
Bachelor of Technology in Computer Science and Engineering
CGPA: 8.2 / 10

Projects

MERN Stack Meatshop Online Application **Jul 2025 – Present**
github.com/senthilnathan-2004/meatshop

- Developed a full-stack **meat e-commerce website** using **MongoDB, Express.js, React.js**, and **Node.js**.
- Implemented user **authentication and authorization** using **JSON Web Tokens (JWT)** and **password hashing**.
- Designed dynamic product listing with **category filtering** (Mutton, Fish) and **real-time search suggestions**.
- Built a shopping cart with **add, remove, update, quantity management**, and **persistent local storage**.
- Followed **REST API** principles for secure and scalable CRUD operations with **backend validation**.

MERN Stack Movie Review Application **Mar 2024 – Jun 2024**
github.com/senthilnathan-2004/movie2020

- Developed a **full-stack web application** to display **movie descriptions** and user-submitted reviews using **REST APIs**.
- Designed an interactive frontend using **React.js** for **movie search, review submission**, and **user interaction**.
- Implemented **role-based** moderation to manage inappropriate content and ensure **review authenticity**.
- Followed REST API principles for **secure and scalable** CRUD operations with **backend validation**.

Certifications

- MongoDB for Developers – MongoDB University
- Idea Presentation – College Innovation Event