

SANDUN THEEKSHANA

MERN STACK DEVELOPER

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PROFESSIONAL SUMMARY

I am an ICT undergraduate at the Faculty of Technology, University of Sri Jayewardenepura, with a strong interest in web development. I am passionate about building modern and responsive web applications using the MERN stack (MongoDB, Express.js, React.js, and Node.js). I enjoy learning new technologies and continuously improving my skills to create efficient and user-friendly digital solutions.

TECHNICAL SKILLS

- **Frontend:** React.js, HTML5, CSS3, JavaScript, Tailwind CSS
- **Backend:** Node.js, Express.js, RESTful APIs
- **Database:** MongoDB
- **Version Control:** Git, GitHub
- **Development Tools:** VS Code, Postman, Figma

SOFT SKILLS

- Team Collaboration and Leadership
- Problem-Solving
- Effective Communication and Presentation
- Adaptability and Continuous Learning
- Time Management and Task Prioritization

PROJECTS

• Casual Club E-Commerce Web Application (MERN Stack)

Developed a complete e-commerce platform enabling users to register, browse, and purchase products securely. Implemented JWT-based authentication, user management, and product CRUD operations. Designed an intuitive admin dashboard to manage inventory, track orders, and control user access.

- **IntelliPrep – AI-Powered Interview Preparation Platform (MERN Stack + AI Integration)**

Created an intelligent web application that generates personalized interview questions and evaluates responses using AI. Integrated natural language processing tools to assess user input and provide real-time feedback. Designed a responsive and accessible user interface to enhance user engagement and learning.

- **MERN Authentication System (MERN Stack)**

Built a secure authentication system featuring user registration, login, and password reset. Applied password hashing, token-based verification, and protected routes using JWT. Focused on code modularity and data privacy best practices.

EDUCATION

- B(Hons) in Information and Communication Technology – University of Sri Jayewardenepura **(Present) - GPA : 3.2**
- G.C.E. Advanced Level – President College, Embilipitiya **(2021/2022)**
- G.C.E. Ordinary Level – President College, Embilipitiya **(2018)**

CERTIFICATIONS

- MERN Stack Web Application Development Course – SKYREK Institute **(2025)**
- Web Design for Beginners – Center for Open and Distance Learning, University of Moratuwa **(2025)**

ACHIEVEMENTS

- Completed three full-stack MERN web applications independently.
- Successfully integrated AI-based features for enhanced user learning in web platforms.
- Recognized by peers for strong UI/UX design and team collaboration in academic projects.

ADDITIONAL INFORMATION

Languages: Sinhala, English (Intermediate)

Interests: UI/UX Design, Web Performance Optimization, and Open-Source Projects.