Kasun Sagara

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About Me

I am an undergraduate Computer Science student at the Trincomalee Campus of Eastern University Sri Lanka with a strong interest in full stack web development, UI/UX design, and Cisco networking. I am currently working on full stack web development and UI/UX design while learning the MERN stack, including MongoDB, Express.js, React.js, and Node.js, along with Cisco networking concepts such as routing and switching, and network configuration. Through my university studies,I have gained academic knowledge in C++, Java, JavaScript, and MySQL, and I continue to improve my skills by applying this knowledge in practical projects. I am focused on building efficient, secure, and user- friendly web applications and enjoy discussing web development, MERN stack technologies, development, MERN stack technologies, UI/UX design, and Cisco networking concepts.

Education

Trincomalee Campus, Eastern University of Sri Lanka   **July 2023 – Present**
  • Bachelor of Computer Science

R/Dharmaloka Maha Vidyalaya, Pelmadulla   **Completed 2021**
  • G.C.E A/L 2021 (Combined mathematics - C , Chemistry - C , Physics - C)

Projects

(01) User management system   Backend ☑ | Frontend ☑
  • Technologies: React, Node.js, Express.js, MongoDB, CSS
  • A full-stack MERN application for efficient user management, featuring a responsive CSS-styled UI and RESTful
    APIs (GET, POST, PUT, DELETE) to view, add, update, and delete user data seamlessly.

(02) KSW Beauty care web application   Backend ☑ | Frontend ☑
  • Technologies: React, Node.js, Express.js, Tailwind CSS, APIs
  • KSW Beauty Care is a MERN-stack beauty care web application with secure login, role-based access, and features
    for shopping, inventory management, and analytics, using Supabase for image storage.

(03) Library management system   Backend ☑ | Frontend ☑
  • Technologies: React, Node.js,Express.js, MongoDB
  • Modern MERN Library System with JWT auth, role-based access, real-time tracking, smart fines, and Supabase
    images. Admins/librarians manage users browse, borrow, track. Built with React and Tailwind CSS.

(04) Portfolio website   Frontend ⧉

  • Technologies: React.js, Tailwind CSS

  • A modern, responsive React and Tailwind portfolio with dynamic roles, clean project sections, and an interactive contact form for a smooth, fast, engaging, visually appealing, highly intuitive, and well structured user experience.

(05) Modern Smart Office Network Setup   Github ⧉

  • Technologies: Routing, Switching, VLAN Configuration

  • A secure, scalable office network with VLANs, wireless SSIDs, VoIP, dynamic routing, and essential server services. Demonstrates real world professional network planning, security, and efficient management.

(06) Electric Vehicle Charging Port Reservation System   Fullstack ⧉

  • Technologies: React, Node.js, Express.js, MongoDB, Geolocation

  • University final year MERN-based EV Charging Reservation System with location detection, real-time port availability, slot booking, secure authentication, and admin dashboard.

Technical Skills

  • **Languages:** Java, JavaScript , C++

  • **Frontend:** React

  • **Backend:** Node.js, Express.js

  • **Databases:** MongoDB, MySQL

  • **IDEs:** VS Code

  • **API Development:** RESTful APIs

  • **Cisco Networking:** Routing, Switching, VLAN Configuration

  • **UI/UX Design:** Wireframing, Prototyping

  • **Other Technologies:** Postman, Git, Cisco packet Tracer, Figma

Soft Skills

  • Time Management

  • Team Management

  • Team Building

  • Teamwork

  • Leadership