Sivananthan Sangeerthan

Software Engineering Undergraduate

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PROFILE

A self-motivated, highly passionate, and hardworking software engineering student with a strong foundation in software development, particularly in the MERN stack, software engineering ethics, and development best practices. Seeking an opportunity to collaborate with designers and developers to create fluid, responsive user interfaces, contributing to a company's growth while advancing my skills and building a successful career.

PROFESSIONAL EXPERIENCE

Clevonex, Software Engineer Intern 🔗   12/2024 – 06/2025
Colombo, Sri Lanka

- Contributed to full-stack development using modern technologies including Node.js, React.js, and MongoDB.
- Developed and tested REST APIs, implemented user authentication, and improved backend performance.
- Collaborated in Agile teams, participated in code reviews, and documented key features and workflows.

EDUCATION

Sri Lanka Institute of Information Technology (SLIIT) CGPA : 3.21,   09/2022 – present
BSc Hons in Information Technology, Specialization in Software Engineering   Malabe, Sri Lanka

CERTIFICATES

Certification Courses: Completed the Generative AI Concepts course conducted by Microsoft. │ Participated in a bootcamp by Dev-Town in collaboration with Microsoft and Google. │ Completed Machine Learning and Artificial Intelligence Concepts course conducted by SLIIT. │ Completed Web Development for Full Stack Development course conducted by University of Moratuwa.

SKILLS

Technical Skills
- Software Development : MERN Stack
- Networking : Cisco networking
- Database Designing : SQL , NoSQL
- Data Structures & Algorithms
- Web Design : Figma
- Application Programming Interface
- Programming Language : C , C++ , Java , Python

Soft Skills
- Problem-solving
- Time management
- Adaptability
- Creativity
- Communication
- Motivated
- Hardworking

UNDERGRADUATE PROJECTS

Bridal Vision Studio | MERN stack,Python
Developed an e-commerce website with a virtual try-on feature for jewelry and an AI-powered skin detection system to suggest personalized dress recommendations, enhancing the shopping experience with interactive and tailored suggestions.
- Implemented front-end with try on feature to experience virtual try on.

Tech-Hostel | ReactJS , MongoDB, ExpressJS , NodeJS
Collaborated with a team to develop a user-friendly online hostel management web application, enhancing the user experience with a responsive design using ReactJS and CSS.
- Implemented secure payment processing via an e-wallet, ensuring a trustworthy platform for financial transactions.

MealMatch | React Native,NodeJS,ExpressJS,MongoDB
Meal Match, a platform connecting restaurants with surplus food to orphanages and students in need. It promotes sustainability by reducing food waste while addressing hunger, aligning with the UN's Zero Hunger Sustainable Development Goal. Developed this app using ReactNative and backend with Nodejs , Expressjs and MongoDB for database
- Devloped the front-end with onboarding and authentication using firebase and user profile management system and user review part with CRUD using NodeJs , ExpressJs and MongoDB.

Lankan Medical | HTML, CSS, JS, PHP, SQL
Developed a full-stack web application with a focus on responsive design, implementing frontend with HTML, CSS, and JS, and backend with PHP and SQL.
- Built authentication and authorization functionalities, improving user and administrator interaction within the system.

Expenses Management | Koltin
With onboarding screen and function to add expenses and view the expenses also with the basic CRUD functions using room library as database. Function to view sum of expenses.

Faster Eats | MERN Stack , Docker , Kubernetes
Designed and deployed a scalable microservices-based food delivery app using Docker for containerization and Kubernetes for orchestration, ensuring modularity, high availability, and efficient resource management across services.
- Working with API 's like openstreetmap for map status and PayHere Payment gateway for payment implementation , created docker file to generate images .

REST Countries API 🔗

Built a responsive React app using REST Countries API with Tailwind CSS and Firebase, featuring country search, filtering, and an interactive flag game with user authentication and score tracking.

EXTRA CURRICULAR ACTIVITIES

Non academic events
- Played for school Basket Ball
  team

REFERENCES

Karthiga Rajendran, BSc (SLIIT), *Year 04 Coordinator , Senior Lecturer,* Faculty of Computing, SLIIT
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Nelum Amarasena, MSc in IT (SLIIT), BSc Sp Hons in IT (SLIIT), *Senior Lecturer,*
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