Tharindu
Dilshan Ekanayake

Software Engineer

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Sri Lanka

EDUCATION

Higher Education

Bachelor of Science Honor's in Information Technology (Undergraduate)
2022 - Present
Faculty of Information Technology-
University of Moratuwa

Secondary Education

G.C.E Advanced Level
2018
Anuradhapura Central College

G.C.E Ordinary Level
2015
Anuradhapura Central College

ABOUT ME

I am a creative thinker with a passion for developing innovative solutions in software engineering. My strong foundation in the MERN stack, coupled with my skills in UI/UX design, allows me to approach problems from multiple angles and create user-friendly applications. I thrive in environments that encourage out-of-the-box thinking and continuous learning, and I'm eager to contribute my abilities in a collaborative team setting. My goal is to leverage my creativity and technical skills to deliver impactful software solutions.

PROJECTS

Second Year Software Project
MergeX - Recruiment Hiring Management System

We have been given the opportunity to work on our second-year final project by 99x, where I am part of a dedicated five-member development team creating an advanced Recruitment Hiring Management System. This project aims to streamline the hiring process by providing an integrated platform where candidates can apply for job vacancies and management can efficiently handle recruitment activities. Using the MERN stack (MongoDB, Express.js, React.js, Node.js), we are developing a comprehensive solution that enhances the recruitment experience for both candidates and hiring professionals.

Role - Fullstack Developer, UI/UX Designer

First Year Hardware Project
Streaming Table – Advanced Workstation for Streamers

Implemented a "User-Friendly Streaming Table" as part of our L1 microcontroller-based development project at the University of Moratuwa. This innovative workstation enhances the streaming experience by integrating advanced features tailored to modern streamers. The table includes a Screen Mover powered by NEMA 17 stepper motors for precise viewing angle adjustments, a Web Camera Mover using servo motors for dynamic camera control, and a Voice-Controlled Lighting System with an RGB light system for customizable ambiance. Additionally, environmental monitoring is achieved through a DS18B20 temperature sensor, ensuring optimal comfort during extended streaming sessions. The project utilized an Arduino Mega board as the microcontroller to seamlessly integrate these sophisticated components.

SKILLS

- **Web Development:**
  HTML | CSS | Tailwind CSS | Bootstrap | React.js | Node.js | JavaScript
- **UI/UX Design**
  Figma | Adobe XD
- **Programming Languages**
  Pyhon | java | C
- **Databases**
  Mongo DB | My SQL | MSSQL
- **Creative & Design**
  Adobe Photoshop | Gimp | Adobe Premiere Pro | Adobe After Effects | Adobe Illustrator | DaVinci Resolve
- **3D modeling**
  Blender
- **Language**
  English | Hindi | French | Sinhala
- **Soft Skills**
  Communication | Problem-Solving | Teamwork | Time Management | Learning Agility | Creativity

LEADERSHIPS

- **Level 2 Batch Representative for the batch 21**
  Faculty of Information Technology - University of Morauwa
- **Junior Prefect**
  Anuradhapura Central College

VOLUNTEERING EXPERIENCE

- **FIT Moments**
  member of Creative Design Pillar 2022-2024
- **ICITR(International Conference on Information Technology Research) - Design Team**
  member of Creative Design Pillar - 2024
- **Member of Leo Club of University of Moratuwa**
  Member of project shilpasara(2022)
- **Member of Rotaract Club of University of Moratuwa**
- **Company Coordinator and Company Calling Membe**
  Career Fair 2024 - Faculty of Information Technology

Portfolio Website

Implemented a portfolio web app using the MERN stack, featuring a comprehensive admin board that allows the admin to write blogs, post projects and vlogs, and manage content with full CRUD functionality (create, read, update, delete). The project was styled using Tailwind CSS, with the UI designed in Adobe XD. Deployed and hosted the app using GitHub Student Pack, Namecheap, and Heroku. The live website can be accessed at www.tharindudilshan.me

Role - Fullstack Developer

Learning With Me - LMS (ongoing)

I am currently developing a Learning Management System (LMS) tailored for a tuition class environment, incorporating four key roles: tutor, teacher, admin, and student. The platform allows teachers to seamlessly add lecture notes and papers, and it includes features such as online payment integration and online class links for virtual sessions. Students have the ability to send messages directly to their teachers, enhancing communication and support. The admin role is empowered to create and manage classes, while tutors can conduct online exams, assign marks, and upload tutes and exam papers, providing a comprehensive and interactive learning experience.

Role - Fullstack Developer

Blogger site - wroteit (ongoing)

I am currently developing the "Wroteit Blog Platform," a social media platform built using React.js, Node.js, MongoDB, and Express.js. The platform enables users to share and interact with blog content in a dynamic and engaging environment. With user-based authentication, each user can securely create and share blogs, like posts, and participate in a follower system where they can follow others and gain followers themselves. The platform also features an integrated chat application for real-time communication, allowing users to connect and converse directly within the platform. Additionally, users can comment on posts.

Role - Fullstack Developer

Currency Convertor

Developed a currency converter application using React.js and a Open Exchange Rates API. The application allows users to effortlessly select their desired currency, input the amount, and swiftly convert it to another currency with just a few taps.

Role - Fullstack Developer

REFERENCES

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