SASANDA MANAHARA

COMPUTER ENGINEERING UNDERGRADUATE

CONTACT

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- 393/7, Mabima, Heiyanthuduwa

PROFILE

I am a driven Computer Engineering student passionate about technology and innovation. Proficient in programming languages like JavaScript & C++ with hands-on experience in software development. Eager to secure an internship where I can apply my skills, contribute to exciting projects, and continue learning and growing in the field of computer engineering.

EDUCATION

Present
Current OGPA = 3.46
Bsc. Hons Computer Engineering
University of Ruhuna

2019
Advanced Level - 2A's, B
Isipathana College

AWARDS

OCVP in Best Performing OC -Youth Space 3.0 Term 23.24
AIESEC in University of Ruhuna

Runner's Up-INSL 2023 Provincial Competition
IEEE Sri Lanka

Champions-Eminence 2.0
IEEE Student Branch
University of Ruhuna

Runner's Up-Spaghetti Bridge Competition
CESS-University of Ruhuna

TECHNICAL SKILLS

- Programming Languages: JavaScript, C++
- Web Development: MEARN Stack
- Mobile App Development: Flutter
- Database Management: MongoDB, Firebase
- Desktop App Development: WPF (Windows Presentation Foundation)
- Version Control: GitHub
- Project Management: Jira
- Machine Learning & Algorithms
- UI/UX Design: Figma

EXPERIENCE

CO-FOUNDER

schoolpaperbank.lk | Since 2021

- Streamline E-Commerce store for A/L science students.
- E-Commerce store designed and developed by myself.
- Successfully negotiated contracts and agreements with book publishers to secure competitive pricing and product availability.
- Managed various aspects of the business, including product sourcing, marketing strategies, and customer relations.

REFERENCE

Dr. Rajitha Udawalpola
Head, Senior Lecturer
Department of Electrical and
Information Engineering, University of
Ruhuna.
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Mr. D. S. De Silva
Senior Lecturer
Department of Electrical and
Information Engineering, University of
Ruhuna.
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PROJECTS

Job Vacancies & CV Matching Platform

- Client - NS Business & Consultancy Services (Pvt) Ltd.
- I am currently working on a CV matching website as part of an ongoing project. This platform allows users to create profiles and update their CVs, enabling employers to browse and hire them based on their qualifications and skills.
- The technology stack being utilized for this project is MERN (MongoDB, Express.js, React.js, Node.js).

Liquor Sales Prediction Machine Learning Model

- I have developed a liquor sales prediction model aimed at optimizing inventory management and marketing strategies. Leveraging 22 carefully selected features. I have used both Linear Regression and K-nearest neighbor algorithms for analysis. Evaluation metrics such as RMSE and MAE were used to assess performance.

Medicine Finder App

- I have developed a Flutter app called MediConnect, aimed at connecting pharmacies and patients seamlessly. Within the app, pharmacies and patients can log in and interact. Patients have the ability to submit their medicine requests, which are then viewable by pharmacies. Pharmacies can respond promptly, indicating the availability status of the requested medicine. This app streamlines the process of medicine procurement, ensuring efficient communication between pharmacies and patients

I do here certify that the information provided above is true and accurate to the best of my knowledge.