

Viraj Ranathunga *Software Engineer*

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Github

LinkedIn

Profile

I'm a fast learner who readily adapts to change and is eager to acquire new skills and technologies. I thrive as a valuable team member and am dedicated to the success of any project I undertake.

Professional Experience

Software Engineer Intern

01/2024 – 05/2024

jWare Automation PVT LTD

Contributed to the development of a cloud-based platform integrating external booking systems and IoT hardware using full stack technologies.

Key Responsibilities

- Developed and maintained both the React-based Admin Panel and Club Manager App, enhancing the user interface for club administrators and members.
- Built scalable Node.js APIs for data integration with external booking providers (Syltek, Playtomic, Taykus), ensuring seamless synchronization of reservation data.
- Designed and implemented backend logic and database handling, enabling efficient data storage and retrieval.
- Contributed to the OK Box Home Assistant Add-On, facilitating MQTT-based control of club infrastructure such as lighting and access control systems.

Education

B.Sc (Hons) in Computing & Information Systems

2020 – reading

Faculty of Computing - Sabaragamuwa University of Sri Lanka

GCE Advanced Level examination (Physical Science Stream)

2018

St. Thomas' College, Matara

Projects

Pharmacy Tracking System (Group)

2024

This project is a web application solution where patients can easily find pharmacies that have essential medicines.

- Technologies Used : React | Express | Node.js | MongoDB

Automated Attendance System (Group)

2023

This project is also a web application used to mark the daily attendance of Sabaragamuwa University students.

- Technologies Used : HTML | CSS | JavaScript | Bootstrap | PHP | MySQL

Skills

Programming

HTML | CSS | JavaScript | PHP

Frameworks & Libraries

React.js | Node.js | Bootstrap

Databases

MySQL | MongoDB

Tools & Platforms

GitHub | VS Code

Soft Skills

Good Interpersonal Skills | Problem-Solving |

Creativity | Team Work | Time Management

Achievements

MadHack 2021 :- 1st Runners-up

“MadHack” is a mobile app development hackathon and workshop series organized by the IEEE Student Branch of UCSC.

CCNA: Introduction to Networks

I accomplished the Introduction to Network certificate program offered by the CISCO Networking Academy in 2022.

Extra Curricular Activities

IEEE Student Branch | SUSL

Active Member

Society of Computer Science | SUSL

Active Member

References

Prof. B.T.G.S Kumara, *Professor in Computer Science, Faculty of Computing,*

Sabaragamuwa University of Sri Lanka

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Mrs. K.G. Lohara Chathumini, *Industrial Training Coordinator, Faculty of Computing,,*

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Interests

Tech: — Python | C# | **Currently Learning** — MACHine Learning