











LINKS

-  [Personal Website](#)
-  [Github](#)  [LinkedIn](#)
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CONTACT

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SKILLS

- React Js
- Next Js
- Angular Js
- Nest Js
- SpringBoot
- Node Js
- Tailwind CSS
- TypeScript
- Java
- PostgreSQL
- SQL (RDBMS)
- AWS
- GitHub
- Data Structures and Algorithm
- Docker
- Kubernetes
- Microservices

REFERENCES

DR. SAMANTHA RAJAPAKSHA
Head | Department of IT
Sri Lanka Institute of Information
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ISHARA MADUSANKA

UNDERGRADUATE

I am a dedicated undergraduate in Software Engineering, driven by a strong passion for developing innovative programs that enhance organizational efficiency and success. With a demonstrated ability to lead, motivate, and educate teams, I excel in managing projects effectively. Known for my hardworking nature and enthusiasm, I approach tasks with self-motivation. I possess excellent interpersonal and communication skills, allowing me to easily collaborate and work with others. With these qualities, I am confident in my ability to make a positive impact and contribute to the success of any organization.

WORK EXPERIENCE

Sezenta (Private) Limited (2023 September - present)

Skills : Nest Js, Next Js, React Js, Typescript, TypeORM, PostgreSQL, AWS, GitHub

- **Associate Software Engineer** (2024 April - present)
- **Trainee Software Engineer** (2023 September - 2024 April)

○ **BiG Value Box (Next Js/ Nest Js/AWS (S3 bucket)/ Microservice)**

Big Value Box (BVB) is a platform where sellers worldwide submit their top offers. BVB publishes these offers, allowing buyers to commit to a percentage of the value box. Once fully committed, buyers pay for their share. Sellers then produce and ship items to the buyer's designated warehouse, notifying them upon shipment. BVB's model reduces purchasing costs and levels the playing field for smaller businesses against larger competitors

- Developed this inovative web application using nextjs, nest js with micro service architecture
- Demonstrated expertise in full-stack development with a robust tech stack.
- Developed Algorithm to calculate Australian postal free for boxes

3D Bin Packing Algorithm (Nest Js)

The 3D Bin Packing Algorithm is a powerful solution designed to optimize the efficient packing of objects within three-dimensional containers. This algorithm is particularly useful in scenarios where maximizing space utilization is crucial, such as in logistics, manufacturing, or resource allocation.

○ **NIBM E-Library (Angular/ Springboot)**

- Developed an Admin login system using Spring Boot and JWT for secure authentication and authorization.
- Implemented pagination for all database tables to enhance data retrieval efficiency and improve user experience in Spring Boot applications.

○ **Halo (React/ NestJs)**

- Developed a tree view for the menu and menu items in the Halo analytics tool, enhancing navigation and user interface.

EDUCATION

○ **SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY**

BSc (Hons) in Information Technology Specialising in Software Engineering
C GPA - 3.6
(2021 - present)

○ **RICHMOND COLLEGE, SRI LANKA** (Biological Science)

Chemistry - B Biology - C Physics - C
(2015 - 2019)

ACHIEVEMENT

- **DEAN'S LIST CERTIFICATE (2021)** [Certificate](#)
Sri Lanka Institute of Information Technology
Awarded for getting a GPA higher than 3.7
- **MINI HACKATHON 1st PLACE (2023)** [Certificate](#)
- **CODECON HACKATHON 6th PLACE (2023)** [Certificate](#)
- **GUEST SPEAKER ITP GUIDE 7.0 (2024)** [Video](#)
- **Research Paper - EYEZEN** [Research](#)
- **AWS Cloud Technical Essentials - (Reading)**