USHANTHA ARACHCHI

IT UNDERGRADUATE

CONTACT

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in https://www.linkedin.com/in/theushantha

🐙 https://github.com/theushantha

LANGUAGES

- English (Fluent)
- Sinhala (Fluent)
- Tamil (Intermediate)

SOFT SKILLS

- Team collaboration
- Communication & presentation
- Time management
- Problem-solving
- Self-motivation

PROFILE SUMMARY

Motivated and results-driven IT undergraduate at SLIIT with hands-on experience in web development, full-stack engineering, database management, and team-based software projects. Skilled in the MERN stack, Java, PHP, and modern web technologies, with a strong foundation in object-oriented programming and software design. Proven ability to deliver scalable, user-focused systems through real-world projects. Passionate about collaboration, problem-solving, and gaining practical experience in both technical development and project coordination.

TECHNICAL SKILLS

- Programming Languages: C, C++, Java, PHP, Python (for algorithms coursework)
- Web Development: HTML, CSS, JavaScript, PHP, MERN Stack (MongoDB, Express.js, React.js, Node.js)
- Database Management: MongoDB, MySQL
- Software & Tools: VS Code, Eclipse, Git, GitHub, macOS
- Concepts & Methodologies: Object-Oriented Programming (OOP), Object-Oriented Concepts (OOC), Problem Solving, Test Planning

PROJECTS

Salon Management System (MERN Stack — MongoDB, Express.js, React.js, Node.js)

- Developed a full-featured web application to manage appointments, customer profiles, and service packages.
- Implemented a dynamic package and service management module using React.js on the front end, with Node.js/Express.js handling backend operations.
- Utilized MongoDB for scalable data storage of services and booking records.
- Enhanced the user experience with efficient date/time validation and intuitive form flows.

R E F E R E N C E S

Ms. K. G. M. Lakmali

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Notes App Backend (Individual Project - MongoDB, Express.js, React.js, Node.js)

- Designed and developed a RESTful backend for a Notes application using Node.js, Express.js, and MongoDB
- Implemented full CRUD operations (Create, Read, Update, Delete) for note management
- Integrated rate-limiting middleware to prevent abuse and improve API security.
- Tested and validated all endpoints using Postman.
- Followed MVC structure and best practices for scalable backend development.

Online Medicine and Drug Ordering System (Java, MySQL, HTML, CSS, PHP)

- Java, MySQL, HTML, CSS, PHP
- Developed order and package management modules for a dynamic web-based platform.
- Built features for tracking orders, managing delivery packages, and maintaining data in a MySQL backend.
- Integrated with the broader system to support admin-side functionality and structured database workflows.

Online Student Helpdesk (PHP, MySQL, HTML, CSS)

- Designed and built a student helpdesk platform supporting Q&A functionality and user management.
- Included randomization of questions, results storage, and a responsive interface for accessibility.

E D U C A T I O N

BSc (Hons) in Information Technology | Sri Lanka Institute of Information Technology (SLIIT)

May 2023 – Present

- Coursework: Object-Oriented Programming (OOP), Object-Oriented Concepts (OOC), Database Management, Software Engineering, Web Development

GCE Advanced Level (Physical Science Stream) *2018 – 2021*

- Subjects: Combined Maths, Physics, Chemistry
- Results: 1C, 2S

GCE Ordinary Level *2012 – 2017*

- Seven A passes, including ICT