



CHANUKA LAKSHAN

IT UNDERGRADUATE

I am a BSc (Hons) IT undergraduate at SLIIT with hands-on experience in web development using the MERN stack, Angular, PHP, MySQL, and Firebase. I also have skills in mobile app and game design. Passionate about innovation, I continuously seek to apply my knowledge to creative, user-focused solutions.

CONTACT

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EDUCATION

2022 - NOW

**SRI LANKA INSTITUTE OF
INFORMATION
TECHNOLOGY - SLIIT**

BSc (Hons) Degree in Information
Technology Undergraduate
Specialized in Information
Technology

2017 - 2020

**ST.ALOYSIUS' COLLAGE
GALLE**

Advanced Level- Physical Science

TECHNOLOGY STACK

ReactJS, Angular Node, Express,

NextJS, Tailwindcss, MySQL,

MongoDB, Java, C, C++,

Python, Kotlin, PHP, HTML,

CSS, Javascript

PROJECTS

ONLINE HOTEL MANAGEMENT SYSTEM 1ST YEAR GROUP PROJECT

Developed a web-based hotel management system using HTML, CSS, and JavaScript for the frontend, PHP for backend development, and MySQL for the database. Leveraged MVC architecture to ensure efficient handling of hotel operations such as bookings, customer management, and room allocation.

ONLINE TOURE GUID SYSTEM 2ND YEAR GROUP PROJECT (S1)

Developed a web application using Java technologies with SQL Server for database integration. The project included CRUD operations and core functionalities like registration, login, and booking, with each team member contributing unique development aspects.

E-VEHICLE RENTING SYSTEM 2ND YEAR GROUP PROJECT (S2)

Built a MERN stack web application for E-Vehicle renting as part of our ITP module. Implemented security measures such as JWT authentication and role-based access controls. Gained significant experience with React.js, Node.js, Express.js, Redux, and MongoDB.

ANDROID MOBILE APPLICATIONS.

FFor the Mobile Application Development module, I created several Android apps using Kotlin: "Event Wing" (event publishing), "Balloon Pop" (game), "Note App" (To-Do list), and "Stroop Test" (psychological game). These projects utilized key Android concepts including ViewModels, Intents, Coroutines, RecyclerView, Fragments, Room database, Shared Preferences, and Adapters.

CERTIFICATIONS

REACT

React.js Essential Training - LinkedIn Learning