Gamithu Thiwanka

Software Engineering Undergradudate(SLIIT)

Until now, I have successfully balanced my studies , work and other commitments. Having the capability of working smartly ,learning fast and to work under pressure. I am ready to contribute to projects and collaborate with a dedicated team. Seeking an internship opportunity to further develop my skills. My objective is to become a self motivated employee and a active team player

Contact

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GitHub
https://github.com/Thiwanka-1

Education

- **Sri Lanka Instituted of Information Technology (SLIIT)**

  Information Technology Specializing in Software Engineering Undergraduate 2022 - present

- **Sri Sumangala College, Panadura**

  G.C.E O/L-Ordinary Level 2018
  A9

- **Taxila Central College**

  G.C.E A/L-Advanced Level 2021
  [Physical Science - S3]

- **Current GPA - 2.97**

ACADEMIC PROJECTS

Gym Management System (2024)

- Developed a comprehensive Gym Management System designed to streamline gym operations. The system allows gym administrators to manage memberships, track attendance, schedule classes, and handle billing. Utilizing React JS for the dynamic and responsive frontend, Node JS and Express JS for the robust backend, and MongoDB for scalable data storage. Integrated Bootstrap to ensure a mobile-friendly interface and used Postman for thorough API testing.

Mobile Application Development - Task App (2024)

- Created a Task Management Mobile Application aimed at enhancing productivity for users. The app, built with Kotlin and Android Studio, features a clean and intuitive interface for adding, updating, deleting, and categorizing tasks. It includes notifications and deadline reminders to ensure users stay on top of their to-do lists. Data is stored locally using SQLite, providing quick access and offline functionality.

Mobile Application Development - Simple Mobile Game (2024)

- Designed and implemented a Simple Mobile Game using Kotlin and Android Studio. The game focuses on engaging users with interactive gameplay, incorporating scoring mechanisms, progressive difficulty levels, and vibrant graphics. The project emphasized user engagement and experience, providing an entertaining platform for users to test their skills and compete for high scores.
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Online Event Management System (2023)

- Developed an Online Event Management System to facilitate seamless event planning and coordination. This web-based application, created using Java, HTML, CSS, JSP Servlet, and SQL, allows organizers to schedule events, manage attendee registrations, and provide real-time updates. The system includes features such as automated email notifications, event calendars, and participant management, hosted on an Apache Tomcat server.

Automated Vehicle Parking System (2023)

- Engineered an Automated Vehicle Parking System designed to optimize parking space usage and enhance user convenience. The system, built with HTML, CSS, JavaScript, PHP, and MySQL, automates parking spot allocation, tracks real-time occupancy, and handles payment processing. Features include user account management, booking history, and dynamic parking availability display, aimed at reducing parking-related hassles and improving user experience.

EduCode : An Adaptive, Multi-Language Platform for Beginner Programming Education(2024)

- Developed a responsive, web-based platform designed to teach beginner programming concepts across multiple languages, including C, C++, Java, and Python. The platform includes a user-friendly interface, CRUD operations for course management, and supports interactive course content. Leveraged the MERN stack (MongoDB, Express, React, Node.js) for the project, with Tailwind CSS for professional styling. Implemented features such as a dynamic course catalog, user authentication, and admin functionality for managing course content. Designed the platform to offer a seamless learning experience with support for multiple programming languages.

SKILLS

Web Development

- HTML/CSS
- PHP
- Java
- JavaScript
- React   JS
- Node   JS
- Express   JS
- XML
- Tailwinnd Css

Mobile Application Development

- Kotlin

Programming

- Java
- Python
- C / C++

DataBase

- SQL
- MongoDB
- MQSQL
- Workbench
- PHP My Admin

IDE'S

- Eclipse
- IntelliJ
- Visual Studio
- VS Code
- Dev C++
- Postman
- Android Studio