Hariswara Sidambaram *Data Science Undergraduate | Full-Stack Developer*

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🔗 portfolio

📇 SUMMARY

Driven 3rd-year Data Science student with strong academic performance and a knack for solving complex problems quickly. Built scalable applications and worked with data analytics through full-stack projects and competitive programming. Through tutoring 15+ students, I've developed solid communication skills and client relationship experience.

🎓 EDUCATION

Bachelor of Science (B.Sc) in Data Science   04/2023 – Present
Srilankan Institute Of Information Technology
GPA: 3.85/4.0 | Currently in 3rd Year

Physical Science   01/2020 – 02/2023
Hindu College Bambalapitiya
Advance Level
2BC

🎨 TECHNICAL SKILLS

Web & Backend Development | **Programming Languages**
React, Express.js, Fiber Framework, RESTful APIs | Python, Java, Golang, TypeScript

DevOps & Development Practices | **Data Analysis & Database Systems**
Docker, Git/GitHub, Object-Oriented Programming, | PostgreSQL/SQL , Tableau, MongoDB, Data visualization
Microservices Architecture

📂 PROJECTS

Staff Scheduler - Live Production Application 🔗   2025
Full-Stack Staff Management System

- Deployed live application serving real-world staff scheduling for employer needs with Time based data maupilation and analytics.
- Built microservices architecture with React frontend and 3 Golang backend services including gateway.
- Implemented **real-time staff availability tracking** with intuitive visual dashboard.
- **Technologies:** React, Go, PostgreSQL, Docker, Microservices

Gaming Lounge Management System 🔗   2024
Comprehensive Arcade Management Platform

- Developed **3D interactive booking system** for PC/console reservations.
- Integrated automated membership management with external gaming APIs according to business needs.
- **Technologies:** React, Node.js, TypeScript, MongoDB

Modular Authentication System 🔗   2024
Reusable Security Framework

- Created secure authentication microservice with advanced security features.
- Implemented **two-token system** and email verification capabilities
- Learned Strong abstraction and minimal exposure is the core of secure Auth.
- **Technologies:** Go, PASETO, Argon2id, SMTP Integration

💼 EXPERIENCE

Mathematics Tutor   03/2023 – Present
- Mentored 15+ students achieving **70% A-grade success rate** through personalized teaching approaches.
- Developed strong communication and problem-solving abilities.

⚡ ACHIEVEMENTS & ACTIVITIES

CodeSprintX - IIT   2025
- Active Participant and building a salon management software called SaloBook

CodeFest   2024
- 10th Place out of 150 teams in Algothon - CodeFest SLIIT 2024

Dean's List - SLIIT
- Recognized for academic excellence with CGPA above 3.7