



# PUNEESHA PERERA

Aspiring IT Business Systems Analyst

## About Me

I am a Software Engineering undergraduate currently working as an IT Business Systems Analyst **Intern at SriLankan Airlines**. I focus on business process analysis, requirements gathering, and system support, working closely with stakeholders to align technology solutions with organizational needs. With a technical background in web and mobile development, databases, and APIs, I help bridge the gap between business and IT to deliver efficient, user-centered systems

## Experience

### Intern IT Business Systems - Sri Lankan Airlines

Oct 2025 – April 2026

- Contributed to Business Intelligence (BI) reporting for crew analysis, supporting ongoing database integration to enhance data accuracy and reporting efficiency.
- Participated in User Acceptance Testing (UAT) for the AQD system, ensuring system functionalities met defined business and operational requirements.
- Currently engaged in testing and validation of new AQD system updates, assisting in quality assurance and ensuring readiness for deployment.
- Actively working on a Crew Certificate Digitalization Project, converting manual certificate records into a centralized digital system to improve traceability, compliance, and data accessibility.
- Involved in the development and implementation of an internal Asset Tracking system to support office-level asset management and operational efficiency.

## Education

BSc (Hons) in Software Engineering – NIBM 2023 - 2027  
(in collaboration with Coventry University, UK)  
Currently following – Expected graduation: 2027

Aquinas diploma in English - BCI campus 2023 - 2024  
Successfully completed

G.C.E. Advanced Level 2022(2023)  
Newstead Girls College - Negombo  
Subjects: Mathematics, Physics, ICT

## Contact

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## Skills

### Hard Skills

- **Programming & Scripting**  
Python, Java
- **Web & Application Technologies:**  
HTML, CSS, JavaScript, React.js
- **Systems & Integration:**  
RESTful APIs, JSON, Spring Boot
- **Databases & Data Handling:**  
MySQL, MongoDB, Oracle
- **Methodologies & Practices:**  
Agile & Scrum

### Soft Skills

- Adaptability
- Communication
- Leadership Potential
- Problem Solving
- Quick Adaptability
- Teamwork
- Time Management

## Tools Experienced

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### IDEs & Editors

- Android Studio
- Arduino IDE
- IntelliJ IDEA
- NetBeans
- Visual Studio
- Visual Studio Code

### Business Intelligence & Analytics

- Power BI
- Tableau

### Automation & Workflow Tools

- Power Automate

### Database & Query Languages

- SQL

### API Testing Tool

- Postman

### Version Control

- Git / GitHub

## Memberships & Affiliations

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- Student Member, Computer Society of Sri Lanka (CSSL), Since 2025

## References

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**Available Upon Request**

## Project Highlights

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- **Hybrid Purity Checker** - Developed Hybrid Purity Checker, an IoT-based solution that monitors, compares, and improves water quality awareness at both household and public distribution levels empowering users and supporting smarter resource management in Sri Lanka.
- **Tuition App** - Mobile app to streamline student-teacher-admin interactions. Features include admin management, assignment sharing, QR-based attendance, and result notifications. Built with Java (Android Studio), SQLite (local), and Firebase (cloud), integrating Activities, Fragments, Intents, Camera, and Navigation.
- **MediBook** - Developed a Java Spring Boot REST API for managing hospital appointments. Features include: admin management of users and doctors, user appointment booking with payment, and doctor access to appointment schedules. Implemented secure REST endpoints, role-based access, and database integration for efficient healthcare service management.

## Courses & Certifications

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- Oracle Cloud Infrastructure 2025 AI Foundations Associate (by Oracle)
  - AI & Machine Learning Fundamentals
  - Generative AI & Large Language Models (LLMs)
  - Oracle Cloud Infrastructure (OCI) AI Services
- Front-End Web Development (by University of Moratuwa)
  - Develop Single Page Applications (SPA) concepts and implementations
  - Gain practical skills in building web applications using the Angular framework
- Advance Certificate in ICT (by Benedict XVI Catholic Institute of Higher Education)
  - Web Design Fundamentals
  - Enterprise System Administration
  - Database Management
  - Java Programming