



# PUNEESHA PERERA

Full-Stack Developer

## About Me

I am a passionate Software Engineering student with hands-on experience in web and mobile development. Skilled in front-end and back-end technologies, databases, and API integration, I also have experience in UI/UX design, prototyping, and usability testing. Familiar with Agile methodologies and collaborative team environments, I focus on delivering scalable, user-centered, and engaging software solutions.

## Education

2023 - 2027

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

2023 - 2024

Aquinas diploma in English - BCI campus  
Successfully completed

2022(2023)

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

## Project Highlights

- **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.

## Contact

+94742363863

puneeshar@gmail.com

769, Crooswatta, Kotugoda

github.com/Puneesha77

linkedin.com/in/puneesha-perera-2377p

## Skills

### Hard Skills

- **Programming Languages:**  
Python, Java
- **Front-End Development:**  
HTML, CSS, JavaScript, React.js
- **Back-End Development:**  
RESTful APIs, JSON, Spring Boot
- **Databases:**  
MySQL, MongoDB, Oracle
- **Methodologies:**  
Agile & Scrum

### Soft Skills

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

# Tools Experienced

## IDEs & Editors

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

## API Testing Tool

- Postman

## Version Control

- Git / GitHub

# Memberships & Affiliations

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

# References

Available Upon Request

# Courses & Certifications

- 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