

# Peshani Rasangika Ranaweera

Colombo, Sri Lanka | +94-76-246-7720 | prranaweeraos2001@gmail.com

LinkedIn: [in/peshani-ranaweera](#)

GitHub: Peshani-Rasangika

Portfolio: [prr-portfolio.web.app](#)



## Profile

Motivated third-year Computer Science undergraduate with hands-on experience in full-stack development using both frontend (React) and backend (Node.js, FastAPI, PHP) technologies. Skilled in building REST APIs, scalable backend services, and responsive user interfaces. Currently expanding knowledge in Java, and always eager to learn new technologies while contributing to real-world applications in collaborative Agile teams.

## Education

**University of Colombo School of Computing, Sri Lanka**

2023 – Present

- B.Sc. in Computer Science

**Sujatha Vidyalaya, Matara, Sri Lanka**

2012 – 2021

- G.C.E A/Ls 2021 - Combined Mathematics: A, Physics: B, Chemistry: B
- G.C.E O/Ls 2017 - 9As

## Projects

**FieldLink (Ongoing)**

2025

**Technologies:** React, Spring Boot, PostgreSQL

- Developing a web platform for managers to assign tasks and track field agents' work in real time.
- Building the initial frontend screens and backend structure for authentication and role-based access.
- Setting up foundational APIs and database models to support agent activity tracking.

**GoodDevs**

2025

**Technologies:** React (TypeScript), FastAPI (Python), PostgreSQL, Tailwind CSS

- Developed the discussion thread module, including thread listings, individual thread pages, comment posting, and one-level nested replies (replies only to top-level comments).
- Built the requester public profile page showing requester details.
- Implemented the admin project review interface, enabling administrators to view detailed project information before approving projects.

**Simpex Solar**

2024-2025

**Technologies:** PHP, MySQL, HTML, CSS, JavaScript

- Developed key modules of a solar business management system with multiple user roles including Customer, Operations Coordinator, HR Administrator, and Employees.
- Implemented frontend and backend for employee dashboards (Delivery Person, Engineer, Technician) with role-based views and task management.
- Built the complete leave management workflow (request submission, validations, status tracking, and HR approval).
- Implemented WebSocket-based real-time chat between customers and coordinators with unread message indicators.

**ConnectHub**

2024

**Technologies:** MERN Stack (MongoDB, Express.js, React, Node.js)

- Implemented the full comment system for community posts, including creating, editing, and deleting comments.
- Developed both frontend and backend logic for comment handling.

## Licenses and Certifications

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**30 Days of Code** (HackerRank)

Issued Nov 2025

- Completed HackerRank 30 Days of Code challenge (Gold Badge).

**Postman API Fundamentals Student Expert** (Postman)

Issued Nov 2025

- Demonstrated proficiency in API design, API testing, collections, and workflows using Postman.

**AWS Educate: Introduction to Cloud 101** (Amazon Web Services)

Issued Aug 2024

- Gained a fundamental understanding of AWS core services and foundational cloud computing concepts.

**Microsoft Cloud Skills Challenge (Web Development 101)** (Microsoft)

Issued Aug 2023

- Completed foundational training in web development technologies including HTML, CSS, and JavaScript.

**JavaScript Mastery From Basics to Advanced** (Udemy)

Issued Sep 2025

- Completed an in-depth course covering core and advanced JavaScript concepts.

**Python for Beginners – In-Depth Course** (Udemy)

Issued May 2025

- Gained hands-on experience in Python fundamentals, data structures, and problem-solving.

## Skills

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**Frontend:** React, HTML, CSS, JavaScript, TypeScript, Tailwind CSS

**Backend:** Node.js, FastAPI, Spring Boot, PHP, Java

**Databases:** PostgreSQL, MongoDB, MySQL

**Tools:** Git, GitHub, Jira, VS Code, IntelliJ IDEA, Postman, Figma

**Soft Skills:** Problem-Solving, Effective Communication, Teamwork & Collaboration, Adaptability

## References

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### **Mr. D.T. Bamunuarachchi**

Lecturer

University of Colombo School of Computing  
No. 35, Reid Avenue, Colombo 07, Sri Lanka

Email: dtb@ucsc.cmb.ac.lk

### **Dr. D.A.S. Atukorale**

Director, Senior Lecturer

University of Colombo School of Computing  
No. 35, Reid Avenue, Colombo 07, Sri Lanka

Email: aja@ucsc.cmb.ac.lk