



P.D.RANDIE THATHSARANIE

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61/2, Palpolawatte, Godagama, Meegoda.



I am a final-year undergraduate with profound leadership, communication, and problem-solving skills. I love to learn and develop new skills while being open and prepared to face challenges that will help me grow and improve.

EXPERIENCE

- **WSO2 LLC (2021 Oct - 2022 April)**

Software Engineering Intern

Team - Identity and Access Management

Research on OpenID SSE specification and implement a prototype that demonstrates the SSE flow for security events of the WSO2 Identity Server.

[Java EE \(Spring Boot\)](#) | [MongoDB](#) | [Maven](#) | [REST APIs](#) | [Swagger](#)

- **Winter of Code 2021 by GDSC NSEC (2021 Dec -2022 Jan)**

Successful contributor to project Galena

Implementing a single-page portfolio website.

[JS](#) | [Gatsby](#) | [CSS](#)

- **ScholarX - Sustainable Education Foundation (2022 May - 2022 Dec)**

Mentee

Gained knowledge on the NLP research area and got guidance for my final year research

through my mentor Ms Isuri Anuradha, a PhD Candidate at the University of Wolverhampton.

- **GirlScript Summer of Code (2023 May - Present)**

Contributor

PROJECTS

- **Back-Transliteration from Roman to Sinhala for Social Media Text - 2022**

An NLP research project that uses a deep learning approach for back transliteration from Roman to Sinhala specifically for social media texts.

- **Construction Management System (Edifice) - 2021**

[ReactJS](#) | [Node.js](#) | [MySQL](#)

A web-based system to manage large-scale construction projects from beginning to end. It

replaces the current procedure with modern technology for engineers, project managers etc.

- **Library Management System - 2021**

[JavaFx](#) | [Java](#) | [MySQL](#)

A learning project with basic CRUD operations to manage a library system.

- **School Van Management System (EasyVan) - 2020**

Java | Android | PHP | MySQL

Android mobile application to manage school vans in Sri Lanka. Google Maps API used to track the school van and a payment gateway was implemented using PayHere.

EDUCATION

- **University of Colombo School of Computing (2019-Present)**

B.Sc (Hons) in Computer Science
CGPA - 3.79 /4.00

- **Musaeus Collage - Colombo 07 (2004-2017)**

G.C.E. A/L 2017 - Physical Science
(Z-score - 1.5794)
G.C.E. O/L 2014 - 9A's

ACHIEVEMENTS

- Participated in IEEE Xtreme 14.0 (2020) and 13.0 (2019)
- Directors list for the academic performance (2019)
- UCSC Pre-Hacktoberfest (2019) - **winners**
- MoraXtreme 3.0 (2019) - **finalist team**

CERTIFICATIONS

- Postman API Fundamentals Student Expert (2022)
- WSO2 Certified Identity Server Developer - V5 certification (2021)
- Advanced Python 5 Days Workshop - Edxcope (2020)
- Programming in Java SE8 - Netassist international (2019 June - 2019 Oct)
- Cisco Networking Academy Entrepreneurship course - UNDP (2019)

REFEREES

Dr B H R Pushpananda - Senior Lecturer
University of Colombo School of Computing
[+94 71 441 6055](tel:+94714416055) | rpn@ucsc.cmb.ac.lk

TECHNICAL EXPOSURE

- **Programming Languages:**
Java | JS | PHP | Python | C | C++
- **Web Development:**
ReactJs | SpringBoot | Node.js
- **Database:**
MySQL | Firebase | MongoDB
- **Mobile Development:**
React Native | Native android

CLUBS AND SOCIETIES

IEEE WIE Student Branch Affinity Group of UCSC:

- Vice-chairperson (2022/2023)
- Third-year coordinator (2021/2022)

ACM Student Chapter UCSC:

- Member and mentor (2019 - 2021)

AIESEC in University of Colombo:

- Organizing committee vice president- Marketing and External Relations in IGV projects (2019-2021)

SPORTS

University level - Tennis:

- Women's team Captain (2020/2021)
- Women's team Vice-captain (2019/2020)
- Inter-University Games (2022) - **1st runner-up**
- Sri Lanka University Games (2019) - **1st runner-up**
- University of Colombo colors (2019/2022)

School level - Tennis:

- School colors (2015/2016)