



# Imesh Isuranga

Portfolio

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Phone: +94 76 935 2432

I'm Imesh Isuranga, a Sri Lankan full-stack developer and Mechanical Engineering undergraduate at the University of Peradeniya.

## EDUCATION

### UNIVERSITY OF PERADENIYA

#### BSC IN MECHANICAL ENGINEERING

Dec 2026 | Sri Lanka

- Member of Formula Team (Powertrain Team).
- Member of an University Basketball Team.

### IJSE SOFTWARE ENGINEERING

#### DIPLOMA

May 2021 | Galle, Sri Lanka

Comprehensive Master Java Developer

### MAHINDA COLLEGE

#### G.C.E O/L | G.C.E A/L

May 2021 | Galle, Sri Lanka

- Member of an under 13 & 15 School Cricket Team.
- Member of an under 13 School football Team.
- Have played Chess in School.
- Worked as a member of the School Web Team.

## LINKS

LinkedIn	Github
Facebook	Medium
Twitter	Stack Overflow

## TECHNICAL SKILLS

### Backend Developments

Java • JavaEE • Python • C#

### Backend Frameworks

Spring Boot • Spring MVC • Django • .NET

### Web Developments

Angular • JS • HTML • CSS • JavaScript

• HTMX

### Database Management

MySQL • MongoDB

### Build Tools

Maven • Gradle • npm

### Reporting Tools

Jasper Reports • JasperSoft

### IOT

Arduino

### Mechanical

SolidWorks • Ansys • MatLab

## EXPERIENCE

### MECHATRONICS ENGINEER - INTERN | ORISE (PVT) LTD

Aug 2024 - Nov 2024

### DEVELOPER AND PROJECT SUPERVISOR | BITWHIZ

#### CONSULTANTS LLC

Jan 2022 - 2024 | Remote

### PROJECT MEMBER | INNODATA LANKA (PVT) LTD

2019 | Galle, Sri Lanka

### STUDENT INTERN | PEOPLE'S BANK

Jan 2021 - 2022 | Galle, Sri Lanka

## PROJECTS

### •STRESSDUCER

#### STUDENT STRESS MANAGEMENT MOBILE APP

Technologies - Flutter (Dart), Firebase

GitHub Repo:// [StressDucer](#)

### •PERA SWARM ROBOT

#### MIXED REALITY SIMULATION PLATFORM FOR SWARM ROBOTICS

Technologies - Java, Spring-Boot

GitHub Repo:// <https://github.com/Pera-Swarm/java-robot>

Pera Swarm Documentation:// <https://pera-swarm.ce.pdn.ac.lk/docs/>

### •VIRTUAL GAIT

#### SEAMLESS LOCOMOTION EXPERIENCES WITHIN VIRTUAL REALITY (VR) (ONGOING PROJECT)

Technologies - Flutter, Python, Virtual reality, Arduino

Project Files:// [Project Files](#)

### •SUSPENSO

#### ADAPTIVE WHEEL ALIGNMENT SYSTEM FOR VEHICLES (ONGOING PROJECT)

GitHub Repo:// [Project Files](#)

## CERTIFICATIONS

### Online Certificates

#### Certified Python Developer

Udemy | Date 2024

#### Computer Vision: Face Recognition Quick Starter in Python

Udemy | Date 2023

#### Full Stack: Angular and Java Spring Boot E-Commerce Website

Udemy | Date 2023

#### Python for Beginners

University of Moratuwa | Date 2022

#### Web Design for Beginners

University of Moratuwa | Date 2022

#### Machine Learning Foundations: A Case Study Approach

Coursera | Date 2022

#### Programming for Everybody (Getting Started with Python)

Coursera | Date 2021

#### Wireless Communications for Everybody)

Coursera | Date 2021

#### Code Yourself! An Introduction to Programming)

Coursera | Date 2022

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## VOLUNTEERING AND EXTRACURRICULARS

2024	Web Developer	Hackers' Club of Peradeniya University
2022	Media Division Member	SEDS Sri Lanka
2022	Committee Member	SEDS Pera
2023	Sub Editor	SEDS Pera
2024	IT department Manager	SEDS Pera
2023	Committee Member	Automotive Society
2023	OGV Team Member	AIESEC in Kandy
2024	OGV Team Leader	AIESEC in Kandy
2024	Volunteer	IEEE Student Branch Pera
2025	President	SEDS Pera

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## REFERENCES

### SENIOR LECTURER AT UNIVERSITY OF PERADENIYA FACULTY OF ENGINEERING

DR.D. H. S. MAITHRIPALA

Phone | +94 77 373 2432

smaithri@eng.pdn.ac.lk

### SENIOR SOFTWARE ENGINEER AT RHINO PARTNERS | TEMPORARY INSTRUCTOR - DEPARTMENT OF COMPUTER ENGINEERING

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