

# DILEEPA PEIRIS

Software Engineering Intern

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GitHub: <https://github.com/dileepapeiris>

Portfolio : <https://rb.gy/yeyyu7>

## PROFILE

I am a Software Engineering undergraduate with a strong foundation in programming fundamentals, design patterns, and object oriented programming (OOP). I have experience in concurrent programming, web development, full nstack development, mobile app development, CI/CD integration, version control, and testing. Eager to apply my skills and grow by building user centric applications and solving complex problems.

## PROJECTS

### ○ Skill Bridge – A Computer Vision Based App for Children with Neurodevelopmental Disorders

*Tech Stack: React Native, Expo, Kotlin Native Modules (MediaPipe), Firebase*

A computer vision based app to help children with neurodevelopmental disorders improve their motor and sensory skills.

### ○ BookToGo.lk – Full Stack Event Ticketing System

*Tech Stack: Angular, Spring Boot, MySQL*

Developed a full stack event ticketing system with concurrent programming and object oriented principles.

### ○ Guts – A Computer Vision Based Push Up Counting App – (Ongoing)

*Tech Stack: Android Kotlin, React Native, Expo, MediaPipe*

This uses a camera and computer vision to automatically detect and count push ups performed by a user.

### ○ Stitching Guide Mobile App – (now under review on the Google Play Store)

*Tech Stack: Expo*

Developed a complete mobile app to teach various stitching techniques, now under review on the Google Play Store.

### ○ Tech.lk – Full Stack Online Tech Store

*Tech Stack: PHP, MySQL, HTML, CSS*

Developed a full-stack online tech store, Tech.LK, featuring seamless shopping and efficient staff management.

### ○ Skill Bridge – Marketing Website

*Tech Stack: React.js*

Designed and developed a marketing website for the Skill Bridge app.

### ○ University Coursework Projects

- University Student Activity Management System – Java
- Web Design and Development Project (Group Leader) – HTML, CSS, JavaScript
- Personal Finance Tracker – Python, Tkinter

### ○ Official Website for Sri Devananda Damma School

*Tech Stack: Wix*

## SKILLS

- Java
- Python
- MySQL
- MediaPipe
- Computer vision
- Next.js
- PHP
- React Native
- React
- Teamwork
- Expo
- Leadership

## EDUCATION

### BEng Software Engineering | *University of Westminster*

**2024 – Reading**

Studied programming fundamentals, algorithms and data structures, software design and engineering principles, design patterns, and SOLID principles through coursework and group projects.

Module	ICT	CW
Computer Systems Fundamentals	100	90
Mathematics for Computing	80	85
Software Development 2 (Java)	71	65
Software Development 1 (Python)	57	68
Web Design and Development	70	86

Module	ICT	CW
Object Oriented Programming	78	75
Database Systems	98	93
Software Engineering Principles And practice	77	NRV

\*ICT – In Class Test || \*CW – Course Work || \*NRV – Not Released Yet

### G.C.E Advanced Level in Math Stream | *Taxila Central College*

**2017 – 2020**

Completed subjects with Combined Mathematics, Chemistry and Physics, providing a strong foundation in analytical and problem-solving skills essential for engineering and technology fields.

## CO - CURRICULAR ACTIVITIES

- Selected for the second round of the InnovateX competition and participated in the Hult Prize pitchathon.
- participated in several national and international programming competitions, including
  - IEEE XTREME 18.0
  - MORA XTREME (2024)
  - CODERALLY 5.0
  - HAXMAS (2024)
- Completed LinkedIn courses on Object-Oriented Programming, Object-Oriented Design, Python, Java, Spring Boot, Angular, React, and Node.js. (Link : [www.linkedin.com/in/dileepa-peiris](https://www.linkedin.com/in/dileepa-peiris))

## EXTRA - CURRICULAR ACTIVITIES

- Member, IEEE Student Branch of IIT
- Leader of IT Society, Head of Media Unit, and Head Prefect (*Sri Dewananda Damma School – Kalutara*)
- Group Leader, University Group Projects
- Guest Attendee, IIT Toastmasters Club

## REFERENCES

### G.A. Pubudu Janith

Assistant Lecturer,  
Informatics Institute of Technology,  
10 Trelawney PI, Colombo 004, Sri Lanka.  
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Relationship: University Lecturer

### Eng TG Deshan Sumanathilaka

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