



# SATHIRA LIYANAPATHIRANA

COMPUTER SCIENCE AND ENGINEERING UNDERGRADUATE

## CONTACT DETAILS

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Gothathuwa new town, Angoda.

🌐 [Portfolio](#)

🐙 [Github](#)

📖 [Medium](#)

🌐 [Linkedin](#)

## PROFESSIONAL SKILLS

### ● PROGRAMMING LANGUAGES

- Python
- Java
- JavaScript
- Dart
- PHP

### ● MOBILE AND WEB DEVELOPMENT

- HTML
- CSS
- Bootstrap
- Flutter
- Node.js
- React.js
- Springboot

### ● DATABASE

- MySQL
- MongoDB

### ● OTHER

- Git
- Object Oriented Programming
- AWS

## ABOUT ME

I'm an enthusiastic individual with good analytical and interpersonal skills. Also, I am an excellent team worker and am able to take instructions from all levels and build up good working relationships with all colleagues. I am flexible, reliable and possess excellent time keeping skills and have special interest in developing Web and Mobile applications.

## PROFESSIONAL EXPERIENCE

### CAKE ENGINEERING | INTERN - SOFTWARE ENGINEERING

2023 January – 2023 July

Tasks:

- Learned restaurant and retail industry related technologies
- Learned and applied MDC logging concepts
- Set up Graylog connection with multiple APIs
- Migrated a Legacy EC2 API to ECS task - Individual Project
- Worked in implementation of CAKE Loyalty feature

## EDUCATION BACKGROUND

### COMPUTER SCIENCE AND ENGINEERING DEPARTMENT, UNIVERSITY OF MORATUWA.

2019 – Present

CGPA – 3.639

Dean's List: Semester 1 and Semester 2

### ANANDA COLLEGE, COLOMBO 10.

2004 – 2017

- GCE A/L 3As Physical Stream including 'A' s for Physics, Chemistry and Combined Mathematics
  - Island Rank – 360
  - District Rank – 120
  - Z score – 2.0874
- GCE O/L 9As including 'A' s for Mathematics, English, Sinhala, Buddhism, Science and Technology, History, Eastern Music, Business studies, and Health Science

## LANGUAGE SKILLS

- Sinhala – Native/Bilingual
- English – Professional Proficiency

## ACHIEVEMENTS

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### ● MICROSOFT LEARN STUDENT AMBASSADOR

2023 – Present

[See the credentials](#)

## DIPLOMAS & CERTIFICATES

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### ● JAVA COMPLETE BEGINNER TO ADVANCED PROGRAMMING COURSE OFFERED BY UDEMY

[See the credentials](#)

### ● PYTHON FOR DATA SCIENCE AND ARTIFICIAL INTELLIGENCE DEVELOPMENT OFFERED BY COURSERA (IBM)

[See the credentials](#)

### ● PHP FOR BEGINNERS 2022: THE COMPLETE PHP MYSQL PDO COURSE

[See the credentials](#)

### ● APPRECIATION FOR BEING SPIRIT OF SERVICE MEMBER OF ROTARACT MORA

[See the credentials](#)

### ● DIPLOMA IN ENGLISH

Royal Institute, Colombo (2019)

## REFREES

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### ● PROF. DULANI MEEDENIYA

Senior Lecturer  
Department of Computer Science and Engineering, University of Moratuwa

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+94713935801

### ● MR. ANUK KAVISHKA

Senior Software Engineer,  
IFS R&D International (Pvt) Ltd

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+94711026089

## EXTRA-CURRICULAR ACTIVITIES

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### DIRECTOR OF MEMBERSHIP DEVELOPMENT AVENUE, RACUOM

- Rotaract club of University of Moratuwa
- Fortunate for being the undergraduate coordinator of 'Are You Ready 2022; Official Career fair of University of Moratuwa
- Held 4 Chairperson Opportunities for various projects and more than 20+ accounted contributions.
- Most Outstanding Overall Membership Development and Retention effort award – Rotaract District Assembly 2022
- 2020 – 2021 (Member)
- 2021 – 2022 (Director)

### PRESIDENT OF THE QUIZ CLUB OF ANANDA COLLEGE

- The Quiz Club of Ananda College Organized 'Mind Probe' Inter school quizzing competition with participation of 60 schools
- Won 15+ Interschool and All island quizzes
- 2009 – 2015 (Club Member and Junior Quiz Team Member)
- 2015 – 2016 (President and Senior Quiz Team Member)

### SECRETARY OF OAEG STUDENT CHAPTER

- Old Anandians' Engineering Guild student's chapter
- 2019 – 2020 (Executive Committee Member)
- 2023 – Present (Secretary)

### ORGANIZING PILAR MEMBER, ACM

- University of Moratuwa Branch of Association of Computer Machinery
- 2021-2022

## PROJECTS

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### STUDENTS' REQUEST MANAGEMENT SYSTEM

Communication Management System between undergraduates and academic staff on their academic matters during the Covid-19 pandemic

- Backend – PHP / JavaScript
- Frontend – HTML / CSS3
- Database – MySQL

### AIRLINE RESERVATION SYSTEM

Handles all the key features and operations of a model airline.

- Backend – PHP / JavaScript
- Frontend – HTML / CSS3 / Bootstrap
- Database – MySQL Handle

### SAFE TRANSIT: PUBLIC TRANSPORTATION HANDLING SYSTEM

This application allows the works of essential services to allocate their public transit method for a given institute during a pandemic situation.

- Backend – PHP / JavaScript
- Frontend – HTML / CSS3 / Bootstrap
- Database – MySQL

### DIETARY : MOBILE / WEB DIET CONSULTANT

Mobile and Web application which users can receive online diet plans based on the information provided.

- Backend – Dart / Node.js
- Frontend – Flutter / React.js
- Database – PostgreSQL