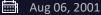
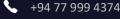


#### PERSONAL INFO





avishkarathnakumara@gmail.com

https://www.linkedin.com/in/ avishka-rathna/

https://github.com/Avishka777

https://avishkarathnakumara.netlify.app/

## INTERESTS

Front-end Development **Back-end Development Full-stack Development** UI/UX Design **Database Management System** 

#### **LANGUAGE**

Sinhala **English** 

#### **SOFT SKILLS**

Communication **Problem Solving Organizational Skills** Resilience Teamwork **Critical Thinking** Leadership Creative Time Management

**Proactive** 

# **AVISHKA RATHNAKUMARA**

#### INTERN SOFTWARE ENGINEERING

Passionate about frontend and backend development, seeking opportunities to create compelling interfaces, bring ideas to life, and contribute to innovative software solutions in a dynamic team environment.

## **EDUCATION**

## Sri Lanka Institute of Information Technology (SLIIT) | Malabe

BSc. (Hons) in Information Technology – Software Engineering

# Royal Central College | Polonnaruwa

2007 - 2020

G.C.E. Advanced Level Examination

■ 1A pass & 2B passes for ICT, Economics & Accounting | Z-score – 1.2412.

G.C.E. Ordinary Level Examination

7A passes,1B pass & 1C pass.

## National Institute of Business Management (NIBM) | Kandy

Certificate Course in English Language June 2018

#### **Certificate Courses**

Open Learning Platform | University of Moratuwa

Python for Beginners Nov 2023 Web Design for Beginners Nov 2023 Foundations of Project Management Dec 2023

Front-End Web Development

Coursera

Foundations of User Experience (UX) Design Dec 2023

**Great Learning Academy** 

UI / UX for Beginners Dec 2023

## **WORK EXPERIENCES**

#### Global Systems Solutions International (Pvt) Ltd | Nugegoda

Jan 2021 – June 2021

2021 - Present

2020

2017

Ongoing

• Trainee Contract Quality Assurance Technician

#### **TECHNICAL SKILLS**

## Front End Development

• React, JavaScript, HTML, Bootstrap, Tailwind

# **Backend Development**

Java, Nodejs, Express.js, PHP(Basic)

#### **Database Management**

Mongo DB, My SQL

## **Testing Framework and Tools**

Jest, Postman, Insomnia

## Mobile Application Development

• Kotlin (Basic)

# **Data Structures and Algorithms**

Python, Java (Basic)

#### Data Analysis

R Programming (Basic)

## **IDEs**

VS Code, Eclipse

## PERSONAL PROJECTS

#### Arcana Candles | Ecommerce

- Developing full-stack web application. (MERN, Tailwind)
- Design UI. (Figma)

## Expertalk | Conversational AI System (Ongoing Project)

- Developing frontend part. (TypeScript, Tailwind)
  - Design UI for the chatbot. (Figma)
  - Used GitHub for integration.

#### **ACADEMIC PROJECTS & EXPERIENCES**

#### SE3020 - Distributed Systems | 3rd Year 1st Semester (Group project | Ongoing)

- Educational Platform for Online Learning.
- Developed full-stack web application. (Mongo DB, Express JS, React JS, Node JS, Tailwind)
- Using Microservices Architecture to Integrate the API.
- Use Docker and Kubernetes.

## SE3040 – Application Frameworks | 3<sup>rd</sup> Year 1<sup>st</sup> Semester

- University and Timetable Management System.
- Developed full-stack web application. (Mongo DB, Express JS, React JS, Node JS, Tailwind)

## SE3040 – Application Frameworks | 3<sup>rd</sup> Year 1<sup>st</sup> Semester

- Frontend application using NASA APIs.
- Developed frontend web application. (React JS, Tailwind)

# IT2080 - Information Technology Project | 2nd year 2<sup>nd</sup> Semester (Group project)

- Warehouse and Inventory Management System.
- Developed a full-stack web application. (Mongo DB, Express JS, React JS, Node JS, Bootstrap)
- Used GitHub for integration.

## IT2010 – Mobile Application Development | 2nd year 2<sup>nd</sup> Semester

- Implement simple News application using Kotlin. (Android Studio)
- Design UI for the mobile application.

## IT2020 - Software Process Modeling | 2nd year 1st Semester

- Draw a high-level use case diagram.
- Design sequence and communication diagram for use case scenario.

#### IT2030 - Object Oriented Programming | 2nd year 1st Semester (Group project)

- Develop a Java web-based application with a database connection (Eclipse IDE).
- Learn about JSP and Servlets.

#### IT1060 - Software Process Modeling | 1st year 2<sup>nd</sup> Semester

- Analyze the case study and draw a use case diagram.
- Design activity diagram.

## IT1100 - Internet and web technology | 1st year 2<sup>nd</sup> Semester

- Write user Journey for the personas.
- Design wireframes for the website (Mock Flow)

## IT1050 - Object-oriented concept | 1st year 2<sup>nd</sup> Semester

- Design CRC cards using classes for system description.
- Design class diagram using UML notation.
- Coding for the classes in the class diagram using C++ (Dev C++)

## IT1090 - Information System and Data Modeling | 1st year 2<sup>nd</sup> Semester

- Design ER for a real-time system. (Draw.io)
- Design relational schema.

# **NON-RELATED REFEREES**

Mr. Bumuthu Dilshan Hettiarachchi.
(BSc. Hons in Electronics and Telecommunications | UOM)
Senior Software Engineer,

Insighture Pvt. Ltd.

+94 76 783 0065.