







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.



PERSONAL INFO

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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

EDUCATION

Sri Lanka Institute of Information Technology (SLIIT) | Malabe *2021 - Present*

- BSc. (Hons) in Information Technology – Software Engineering

Royal Central College | Polonnaruwa *2007 - 2020*

- G.C.E. Advanced Level Examination *2020*
 - 1A pass & 2B passes for ICT, Economics & Accounting | Z-score – 1.2412.
- G.C.E. Ordinary Level Examination *2017*
 - 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 *Ongoing*
- 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*

- 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 | 3rd Year 1st Semester

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

SE3040 – Application Frameworks | 3rd Year 1st Semester

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

IT2080 - Information Technology Project | 2nd year 2nd 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 2nd 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 2nd Semester

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

IT1100 - Internet and web technology | 1st year 2nd Semester

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

IT1050 - Object-oriented concept | 1st year 2nd 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 2nd Semester

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

NON-RELATED REFEREES

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