Rusiru Rathmina

Software Engineering Internship

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A highly motivated and ambitious computer science undergraduate with a strong enthusiasm for software development, and a passion for friendly software design, solid architecture, best practices.

EDUCATION

University of Colombo School of Computing   **2021 - Present**
Bachelors in Computer Science

Mahinda College, Galle   **2010 - 2019**
GCE Advanced Levels 2019
Results: A-1 B-1 C-1 (Physical Science) | Z-Score: 1.3084

PROJECTS

Roamly — Travel Recommendation and Experiences Sharing Platform

2023 - Ongoing
As the 3rd year group project, we're currently working on a travel recommendations system which gives personalized recommendations of destinations, travel guides, hotels, etc. Also, the system contains a social media-like experience-sharing platform for travel enthusiasts.
Tools: ReactJs, NodeJs, ExpressJs, SCSS, PostgreSQL, AWS

MicroCAPS — Micro Cars Assembling and Production System

2022 - 2023
As the 2nd year group project, we developed an assembly process management system for Micro Car Limited, Polgahawela. This system is capable of production management, task scheduling, and tracking progress.
- Effectively followed a comprehensive SDLC methodology.
- Developed and organized the project based on MVC architecture.
- Implemented real-time vehicle progress upgrading functionality.

Tools: PHP, HTML, CSS, JavaScript, Ajax, MySQL

Fashion Bug

2022
The project is about a fashion store designed including a men's collection, women's collection, kid's collection, baby's collection, and accessories collection
- Fashion Bug is a simple group project created while learning the MERN stack.
- Developed and organized the project based on Client-Server architecture.

Tools: MongoDB, ExpressJs, ReactJS, NodeJs, Bootstrap

Food Store Manager

2023
A simple food store management system designed to add food items, edit details, mark them as favorite foods, and delete food items. This is a practice project that I created while learning Spring Boot.
Tools: Java, Spring boot, Bootstrap, MySQL

SKILLS

- **Back-end Development:** C / C++, JavaScript, PHP, NodeJS, Java, Python
- **Front-end Development:** ReactJS, HTML, JavaScript, CSS, SCSS, Bootstrap
- **Database:** MySQL, PostgreSQL, MongoDB
- **Environments & Tools:** Visual Studio Code, IntelliJ IDEA, Figma, Canva
- **Soft Skills:** Problem-solving, Time Management, Teamwork, Self-learning, Leadership, Communication, Adaptability
- **Interests:** Back-end Development, Front-end Development, APIs, Testing, Object Oriented Programming

CERTIFICATIONS

Introduction to Front-End Development
Coursera | Meta
Distinguish between front-end, back-end, and full-stack developers, Create and style a webpage with HTML and CSS, The benefits of working with UI frameworks

Programming with JavaScript
Coursera | Meta
Programming in JavaScript, Error prevention, JavaScript DOM manipulation, Functional programming, Object Oriented Programming, Test-Driven Development

Version Control
Coursera | Meta
Implement Version Control systems, Navigate and configure using the command line, Use a GitHub repository, Manage code revisions

Java Programming: Solving Problems with Software
Coursera | Duke University
Fundamental Java Syntax and Semantics, Strings in Java, CSV Files and Basic Statistics in Java, Using Java API documentation in writing programs, Writing a Java method to solve a specific problem

Introduction to Back-End Development
Coursera | Meta
Distinguish between front-end, back-end, and full-stack developers, Create and style a webpage with HTML and CSS

Foundations of User Experience (UX) Design
Coursera | Google
Understand foundational concepts in UX design, such as user-centered design, the design process, accessibility, and equity-focused design, Human-Computer Interaction, User Experience, Design sprints

Agile Project Management
Coursera | Google
Agile project management approach and philosophy, including values and principles, Pillars of Scrum and how they support Scrum values, Problem Solving, Effective Communication

Postman API Fundamentals Student Expert
Postman
Making HTTP requests, Query parameters, bodies, headers, response codes, Basic scripting, API Key Authorization, How to use Postman to work with APIs

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REFEREES

Dr. Ajantha Athukorala
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University of Colombo School of Computing
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