SITHIJA KUMARASINGHE

SOFTWARE ENGINEERING AND CLOUD ENTHUSIAST

CONTACT

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SKILLS

HTML	SpringBoot
CSS	Python
Tailwind CSS	Django
Bootstrap	MYSQL
SCSS	Mongo DB
Java Script	Docker
React	Kubernetes
PHP	AWS
Java	Github | GIT
JSP	Microfrontends
Servlet	Microservices
Spring	Machine Learning

SOFT SKILLS

Problem Solving

Teamwork

Time Management

Project Planning & Handling

Adaptability & Flexibility

Self Motivated

Team Leadership

PROFILE

I am a motivated Computer Science undergraduate with a passion for Software Engineering and Cloud technologies. Eager to apply strong problem-solving skills and collaborate effectively as a Software Engineer. Quick learner, dedicated team player, and ready to contribute to innovative projects.

EDUCATION

UVA WELLASSA UNIVERSITY   2021 - Present

- Computer Science and Technology : Cumulative GPA : 3.68

Bandaranayake College Gampaha   2010 - 2019

- G.C.E. A/L Physical Science Stream : passed with 3 C grades

RESEARCH AND PROJECTS

Predicting Electricity Breakdowns Due to Climatic Changes: A Machine Learning Approach
Ongoing Research Project

- Technologies: GWR, Python, Flask, React, AWS, Docker, GIT

AyurCare Clinical Management System
Led the AyurCare project, contributing by implementing JWT-based authentication, developing ML models for patient categorization, creating admin and doctor panels, and integrating a secure payment gateway.

- Technologies: SpringBoot , React, Bootstrap, MySQL, Tailwind CSS, JWT, Machine Learning(Random Forest), AWS S3, Github

CityMetroMovers
Led the development of the CityMetroMover project, contributing by implementing secure login and registration systems, developing the admin panel, integrating a payment gateway, and creating a real-time chat application.

- Technologies: PHP, HTML, CSS, Bootstrap, MySQL, AJAX, WebRTC, Github

BookTech

Library Management System

- Technologies: React, Tailwind CSS, Django , MySQL, Github

Yummy Kitchen

Rapid Application Development Group Project : Recipe Site

- Technologies: HTML, CSS, Bootstrap, JSP, Github

Microservices Project

Currency Exchange project

- Technologies: Springboot, Spring Cloud, Docker, Kubernetes, Github

Microfrontends Project

Combine dummy React and Vue projects with a microfrontend architecture.

- Technologies: React, Vue, Tiered routing system, CI/CD pipeline, module federation, AWS S3, AWS CloudFront , Github

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ACHIEVEMENTS

- Dean List (2021, 2022)
- AWS Certified Cloud Practitioner (2024, 2027)
- CS50's Introduction to Programming with Python (CS50P), Harvard University
- Completed Microfrontends with React: A Complete Developer's Guide Course in Udemy
- Completed Master Microservices with Spring Boot and Spring Cloud Course in Udemy
- Champions of e-battle, organized by the South Eastern University of Sri Lanka.

EXTRA-CURRICULAR ACTIVITIES

- Lead, Membership & Recruit FOSS Community of Uva Wellsassa University
- Member, Membership Development Standing Committee IEEE Computer Society of Uva Wellassa University
- Member of Computer Society at Uva Wellassa University
- Taekwondo UWU (2021 - 2022)

I certify that the above information is true and correct to the best of my knowledge.