SASINDU UDAYANGA

ASSOCIATE SOFTWARE ENGINEER

About me

I'm an ambitious, determined, creative person who is eager for new technologies and willing to improve and learn.
I am willing to devote myself to the company and do my best. I am open to new challenges and prefer problem-solving, designing, and programming. I also have a strong feeling of empathy and cooperation.

Contact

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Social

Web/SasinduUdayanga/Portfolio

LinkedIn/Sasindu Udayanga

Github/SasinduUdayanga

Education

University of Colombo School of Computing

BSc. in Computer Science

2021 – Present

Kotuwa Janadhipathi Vidyalaya , Matara

- *Advanced Level Physical Science Stream - 2019*
  Combined Maths- B | Chemistry-B | Physics-B
  District Rank (Matara) - 120

Skills

Programming Languages

- Java
- C++
- TypeScript
- Java Script
- Python

Industrial Experience

Syntax Genie (Pvt.) Ltd

Software Engineer (Intern)   *12/2023 - Present*

- Skilled in developing responsive web applications using React components and state management with hands-on experience
- Building Java based modern enterprise application using Spring boot Framework.
- Using JPA for database access and database schema versioning using Liquibase.
- Experienced in customizing UI components and styling to align with project requirements and design guidelines.
- Using Azure Blob Storage for build file upload service.
- Experiance with Flutter Mobile

Projects

Employee Management Application - EMA | (Syntax Genie)

Collaborated on the development of EMA, a comprehensive Employee management application designed to streamline employee's leave management needs.
Contribution - Full-Stack
Technologies:
React| Type Script | CSS | MySQL | Java | Spring Boot | PostgreSQL | H2 | Liquibase

AI-Driven Decision Support System IntellScript| (Syntax Genie)

Collaborated on the development of IntellScript, a decision support system.
Contribution - Full-Stack
Technologies:
React| Type Script | CSS | MySQL | Java | Spring Boot | PostgreSQL | H2 | Liquibase

Web Development

- React
- SpringBoot
- ExpressJS
- HTML, CSS (flow and flex layout)
- NodeJS, SASS, Bootstrap, Tailwind

Database

- MySQL
- PostgreSQL

Design Tools

- Figma
- Canva

IDEs

- Visual Studio Code
- IntelliJ IDEA
- Android Studio

API Testing Tools

- Postman

Other Technologies

- Linux
- Flutter
- Git / Github
- Trello
- Jira

Personal Skills

- Teamwork and collaboration
- Creative thinking
- Self-learning
- Hard working
- Time management
- Problem solving

Interests

- Programming
- Designing
- OOP Concepts

Languages

- English (Intermediate)
- Sinhala (Native)

Volunteering

- Student member of IEEE
- Member of Exploration Club of UCSC
- Member of Leo Club of UOC 22/23

Koratuwa - A Dairy Farm Management System

Second-Year Group Project - 2022 May to 2023 April
Web Application developed to manage internal and external operations of a dairy farm located at Horana, named 'Koratuwa'

- Developed Milk Supplier and Customer role (both frontend and backend) payment gateway and payment handling part, PDF generator, and order management process.

Technologies:
HTML | CSS | PHP | MySQL | JavaScript | jQuery

[Git Repository](#)

Edugo - School Children Transportation Management System

Third-Year Group Project - 2023 May to Present

Web and Mobile Application developed to handle school rides of school children.

- Developed Parent role in a web application (both frontend and backend) pdf generator, popup modals, and location handling part.

Technologies:
ReactJs | ExpressJs | NodeJs | TailwindCSS | PostgreSQL | JavaScript

[Git Repository](#)

Achievements

- Codescape(Top 10 Finalist)
- Participated in ReidXtreme -2021
- Participated in Fresh Hack 2.0

Certificates

- OOP in Java certificate from Great Learn Academy.
- Postman API Fundamentals Student Expert badge.
- Web Design for Beginners certificate from UOM (CODL).
- Python for Beginners certificate from UOM (CODL).
- UI/UX certificate at Great Learn Academy.
- Jira Scrum project management certificate from Coursera.
- AWS for beginners certificate from Great Learning Academy.
- Sololearn platform: HTML, JavaScript, Kotlin, PHP, Responsive Web Design, Java certifications.

Reference

Mr Lahiru Jayakody

B.Sc. (Hons.) in Eng., Computer Science (Moratuwa)

Software Architect at Syntax Genie (Pvt.) Ltd

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Mrs. J E J Chathurangani

B.Sc. (Hons) in Software Engineering (Kelaniya)

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University of Colombo School of Computing

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