

SAMAHITHAN KRISHNAANANTHAM

SOFTWARE ENGINEERING UNDERGRADUATE

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🌐 www.linkedin.com/in/samahithan

🐙 <https://github.com/KrishnaanthamSamahithan>

SUMMARY

I'm a dedicated, conscientious, and energetic IT professional. Working on many academic and individual initiatives enabled me to become a mature team player and rapidly adjust to changes. I can operate effectively both independently and in a group setting. I can work efficiently under time constraints and meet deadlines.

EDUCATION

BEng(Hons) Software Engineering	2022 - Present
Informatics Institute of Technology, Affiliated with University of Westminster	
GCE Advance Level	2019
Jaffna Hindu College	
GCE Ordinary Level	2015
Jaffna Hindu College	

PROJECTS

Predictive Modeling and Clustering Analysis-Individual (ML Development)	2024
This R project investigates machine learning for EUR/USD exchange rate prediction using neural networks. It employs K-Means clustering for exploratory data analysis, followed by data cleaning, feature engineering, normalization, and building/evaluating a neural network model with RMSE, MAPE, and visualizations. https://github.com/KrishnaanthamSamahithan/Exchange_Rates_ML_NeuralNetwork.git	
SDGP PROJECT: SELF EVALUATOR AI	2024
Revolutionizing education through my project, I leverage machine learning, augmented reality, and multimedia for rapid learning and deep understanding, advancing the modern learning landscape https://github.com/KrishnaanthamSamahithan/Flask-app.git	
WEATHER APP	2024
Developed a weather app in Flutter using Dart, with RESTful APIs for real-time data. Designed an intuitive UI featuring location-based search, ensuring user-friendly experience. Implemented performance optimizations like state management and caching for responsiveness https://github.com/KrishnaanthamSamahithan/Flask-app.git	
MOVIE APP REACT	2024
Developed a dynamic movie web application using React and Tailwind CSS, integrating a real-time API to fetch and display updated movie data, enhancing user experience with seamless interaction and responsive design. https://movie-app-react-woad.vercel.app/	

CAKE ORDERING WEBSITE (VIJITHA CAFE)

2023

Crafted a dynamic cake ordering website using HTML, CSS, JavaScript, PHP, and MySQL. Seamlessly blending design and functionality to simplify the ordering process for a delightful user experience.

<https://github.com/KrishnaananthamSamahithan/Cake-Bakery-System.git>

TAXI MANAGEMENT SYSTEM (AYUBO DRIVE)

2022

Experienced C# developer proficient in crafting innovative solutions, exemplified by the creation of a robust Taxi Management System. Skillfully integrated with MS SQL for seamless data management, highlighting a commitment to efficiency and technology-driven solution.

https://github.com/KrishnaananthamSamahithan/Ayubo_Drive-C-.git

SKILLS

Backend: Java, Python, Node.js, PHP, C#, CI/CD

Frontend: React, HTML, CSS, JavaScript, Bootstrap, Flutter

Database: MongoDB, MySQL

Tools & Technologies: Docker, Version Control, Adobe Creative Suite, Figma, VS Code

Soft Skills: Adaptability, Team Player, Time Management, Attention to Detail, Communication

COMPETITIONS

Travel-tech Hackathon	Trialathon (AI Hackathon)	Aquathon	UI/UX Challenge Design Code
Acron Ventures 2024 2nd Runner up	Rootcode 2023 Participant	IIT 2023 Participant	University of Moratuwa 2022 Participant

PARTICIPATION

Global AI Bootcamp	Dev Fest 2023	Flutter Colombo	Ballerina Swanlake
AI Community Srilanka 2024	Google Developers Srilanka 2023	Google Developers Srilanka 2023	WSO2 2023

OTHER CERTIFICATES

Foundation for Higher Education
Informatics Institute of Technology
2022

Diploma in Web Engineering
Awarded by Pearson
through Esoft Metro Campus
2022

Diploma in Software Engineering
Awarded by Pearson
through Esoft Metro Campus
2022

Diploma in Business Management
Awarded by Pearson
through Esoft Metro Campus
2022

REFERENCE

Ragu Sivaraman (MSc) | Lecturer-Informatics Institute of Technology, Colombo 06
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