



Sampath Kumara

Software Engineer

Personal Profile

A responsible, skillful, self learning, dedicated undergraduate with team spirit and leadership qualities who is willing to accept challenges, seeking an opportunity as a trainee software engineer to apply and explore the existing and forthcoming technologies in the field of Information Technology.

Education

- **BSc (Hons.) in Information Technology (Expected in 2025)**
University of Moratuwa
CGPA - 3.18
- **G.C.E. Advance Level - Physical Science Stream**
(2019)
1 A , 2 B's

Experience

- **Software Engineer Intern (Part Time)**
Asyncdot Pvt Ltd
2023 July - 2023 December

Projects

- **Point of Sale System (Ongoing)**
Currently spearheading full-stack development of reusable multi-restaurant SaaS POS solution as part of a software engineering internship at Asyncdot Pvt Ltd. Architecting performant system on Node.js/React stack equipped to handle complex restaurant operations including dynamic menus/pricing, employee management and order integration.
Contribution: Full Stack Developer
Technologies: Medusa.Js, T4 app
- **RIBA Virtual Exhibition (Link : uom-virtual-exhibition.web.app)**
Led development of performant React front-end allowing architecture students to curate projects with customized templates for virtual exhibit, reducing university overhead by \$6K while enabling broader showcase of 50+ design portfolios globally.
Client: Architecture Faculty, University Of Moratuwa
Contribution: Frontend Developer
Technologies: React, Node.js, MySQL, AWS
- **Supermarket System**
Designed and developed scalable online supermarket platform through modular Spring Boot microservices handling user registration, product management and order fulfillment with real-time inventory sync.
Contribution: Back End Developer
Technologies: Spring Boot, MySQL

Contact Details

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Technical Skills

Frontend Technologies

- React
- Angular
- Next.js

Backend Technologies

- Spring Boot
- Node.js

Mobile Development

- React Native

Database

- MySQL
- MSSQL
- MongoDB

Programming Languages

- Java
- JavaScript
- TypeScript
- Python
- C

Version Controlling

- Git

Project Management

- Trello
- Jira

Operating Systems

- Windows
- Ubuntu

Editing & Graphics

- Adobe Photoshop
- Adobe Premier Pro
- Blender

Soft Skills

- Communication Skills
- Fast Learning
- Team Work
- Leadership
- Adaptability

Interests

- Community Service
- Event Planning
- 3D Modeling
- Web Designing
- Carrom

Languages

- Sinhala - Native
- English - Proficient

Projects(Cont.)

Service Management System

Built and launched customizable end-to-end web platform on Angular/SpringBoot stack enabling streamlined field service management for HVAC company, integrating custom CRM, job dispatching, technician routing and reporting.

Client: VaVe Digital Solution Provider

Contribution: Full Stack Developer

Technologies: Angular, Spring Boot, MySQL, AWS

AI Product Selector

The project aims to empower Amazon sellers with advanced analytics to optimize inventory management, identify top-performing products, and boost sales using AI-driven insights.

Client: Architecture Faculty, University Of Moratuwa

Contribution: Front-End Developer

Technologies: Next.js, Tailwind CSS, Vercel

Migraine Pre Warning Alert System

Created portable device through AVR C programming and 3D component modeling to actively monitor environmental migraine triggers and deliver personalized alerts, enabling user lifestyle adjustments for prevention.

Contribution: Implementing a module for measuring environmental conditions & 3D modeling with blender

Technologies: AVR microcontroller programming using C

Achievements And Participations

CodeRush (2022) - 13th place

- Intra-Faculty coding competition organized by INTECS, Faculty of IT, University of Moratuwa.

HackMoral 5.0 (2023) - Top 20

- Mini-Hackathon organized by INTECS, Faculty of IT, University of Moratuwa.

Realhack 4.0 (2023) - Top 30

- Annual Inter-university hackathon organized by the Software Engineering Students' Association in collaboration with IEEE Student Branch of University of Kelaniya

Volunteer Work

Secretary

Students' Union, Faculty of IT, University of Moratuwa

2022 July - 2023 July

Batch Coordinator

EXMO - University of Moratuwa

2023 June - 2023 July

Committee Member

FIT Moments, IT Faculty Official Media Unit, University of Moratuwa

2022 July - Present

Company Coordinator | FIT Future Careers 2022

INTECS - University of Moratuwa

2023 Feb - 2023 March