



CHAMIKA DODAMWATHTHA

SOFTWARE ENGINEER INTERN

PROFILE

"I am an undergraduate in Information Technology and Management at the University of Moratuwa. I have strong teamwork and communication skills and enjoy tackling challenges and learning new technologies, including blockchain and scalable architecture. I am eager to join as a software engineer intern to enhance my technical skills and gain hands-on experience.

EDUCATION



University of Moratuwa

BSc (Hons) in Information Technology and Management
Reading - Expected in 2025

PROJECTS

Health-Hive: (Level 2 Software Project)

Role : Team Leader, Full Stack Developer

Developed a secure and Shareable health data storing system leveraging blockchain technology to ensure the integrity, privacy, and accessibility of health records

Technologies & Tools: Spring boot, React, React Native, MYSQL, Keycloak, Docker, Ganache, IPFS, Truffle, FireBase, Prometheus, Graphana, NGINX

Contribution:

- Mobile file management system
- Security
- Dockerizing
- Hosting
- Blockchain Implementation

GitHub: Frontend
Backend

Portable Weather Station: (Level 1 Hardware Project)

We developed an automatic weather-detecting machine leveraging Arduino and IoT technology.

Technologies & Tools: C#, Arduino Studio, EasyEDA

GitHub: source

CONTACT

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- 🌐 medium.com/@chamika31
- 🌐 <https://chamika31.me>

TECHNICAL SKILLS

PROGRAMMING LANGUAGE

- JAVA
- Javascript
- C#
- C

WEB DEVELOPMENT

- HTML
- CSS
- React
- Tailwind CSS
- Next.JS

MOBILE APP DEVELOPMENT

- Javascript
- React Native
- EXPO GO

FRAMEWORKS

- Spring Boot
- Next.js
- Angular
- Truffle

DATABASE

- MYSQL
- MSSQL
- Mongo DB

TECHNOLOGIES

- Docker
- Kubernetes
- Keycloak
- NGINX
- Grafana
- Prometheus
- Ganache
- Postman

IDE'S

- IntelliJ IDEA
- Visual Studio
- VS Code
- Arduino Studio
- CLion
- Pycharm

VERSION CONTROLLING

- GIT
- GITHUB

OPERATING SYSTEMS

- WINDOWS
- UBUNTU

CLOUD

- AWS
- AZURE

PROJECT MANAGEMENT TOOLS

- Jira

OTHER

- Adobe Photoshop
- Microsoft 365
- Blender
- Figma
- Canva

SOFT SKILLS

- Project Management
- Public Relations
- Teamwork
- Leadership
- Critical Thinking
- Creative designing

LANGUAGES

- English (Good)
- Sinhala (Native)
- German (Basic)

PROJECTS(CONT)

Employee Shift Rostering :(Ongoing Stage 2)

An automated scheduling system that creates optimized work rosters by balancing employee preferences with company staffing needs. It aims to enhance both employee satisfaction and operational efficiency.

Technologies & Tools: Spring Boot, Angular, React Native, MSSQL, Keycloak, Kubernetes, Docker, Firebase, Prometheus, Grafana, NGINX.

AREAS OF INTEREST

Blockchain and Decentralized Systems

- Blockchain development
- Smart contracts
- Decentralized applications (DApps)

Cloud Technologies and DevOps

- Docker and containerization
- Cloud platform development (AWS, Azure, Google Cloud)

Scalable Architecture

- Microservices

HACKATHONS

CORDRUSH 2023 - Participant

Organized by INTECS in University of Moratuwa

MORAXSTREAM 8.0 - Participant

The annual hackathon series organized by the IEEE computer society University of Moratuwa

VOLUNTEER WORK

Member

Rotaract Club of University of Moratuwa
2021-2022

Member

IES Lab University of Moratuwa
2024-present

SPORTS

Player

University of Moratuwa Basketball
2022 - present

REFEREES

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