# Chathupa Chamika

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GitHub | LinkedIn

## PROFESSIONAL SUMMARY

An enthusiastic and dedicated university student with a strong foundation in front-end, back-end, and full-stack development. Skilled in software engineering and problem-solving, with a keen interest in leveraging IT expertise to develop innovative solutions. Seeking a free, volunteer-based software engineering internship to apply my technical skills and gain valuable industry experience while contributing to meaningful projects.

## EDUCATION

iCET Certified Developer (ICD) Institute of Computer Engineering Technology, Panadura  - Diploma
  ( March 2024 - December 2024 )

G/P.De S.Kularathne College, Ambalangoda - GCE A/L & O/L
  ( April 2015 - January 2024 )          Physical Science stream with BCC

## WORK EXPERIENCE

Full Stack Developer - Trainee
ICET, Panadura, Sri Lanka
03/2024 - Present

- Custom Web Applications: Developed dynamic web applications using Angular, Spring Boot and SQL for various clients.
- Backend Services: Integrated RESTful APIs for real-time database management and utilizing Spring Boot, JPA, and Hibernate for seamless backend operations.
- Web Security: Implemented Spring Security for robust authentication and authorization, ensuring secure access control.
- Deployment:  Streamlined deployment pipelines using Git for version control and CI/CD practices for continuous integration and delivery.
- Standalone Application: Built a JavaFX standalone application with an intuitive UI, integrating robust backend services for seamless data management.
- Mobile Application Development: Leveraged Flutter's widgets and tools to build responsive and dynamic user interfaces.
- UI/UX Design: Designed custom UI components using Figma to meet unique client requirements.

## TECHNICAL SKILLS

**Languages**
Java, JavaScript, Dart, SQL, TypeScript

**Frameworks & Tools**
Angular, Spring Boot, Hibernate, JavaFX, Flutter

**Database Management**
 MySQL

**Web Security**
Spring Security

**UI/UX Tools**
Figma, Bootstrap, CSS3

**APIs & Testing**
 RESTful APIs, Postman

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## PROJECTS

### ZONY Campus Smart LMS

A comprehensive campus management web application with intuitive interfaces and robust Java Spring Boot backend for streamlined educational and administrative workflows.

Tech stack : Spring boot , Angular , MySQL

     back-end  ☑

      front-end  ☑

### Weather Application ☑

The web application is a weather site that allows users to view current weather conditions and forecasts for their location. The interface includes a navigation menu, search functionality, and visual weather data.

Tech stack : HTML , CSS , JavaScript , Real time web APIs

### Clothify Store &  To Do List

A standalone JavaFX application featuring an intuitive user interface, seamlessly integrating robust backend services for efficient data management and enhancing user interaction.

Technologies : JavaFX , MySQL,Hibernate

   clothify-store using hibernet  ☑

   clothify-store using sql queries  ☑

   to do list  ☑

### MOS Burgers ☑

A standalone JavaFX application featuring an intuitive user interface, seamlessly integrating robust backend services for efficient data management and enhancing user interaction.

Technologies : Java-script, Html, CSS

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## LANGUAGES

English: Professional Proficiency
Sinhala: Native

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## INTERESTS

- Community Service
- Educational Outreach
- Environmental Sustainability
- Health and Wellness
- Technology for Good

## REFERENCES

### Frank Damiend

Technical Lead / Engineering Manager at Sysco Labs | MSc in Software Engineering

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### Sharada Marasinha

Assistant Lecturer at iCET

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