

# SITHUMI GAMAGE

## SOFTWARE ENGINEER INTERNSHIP



✉ sithumigamage12@gmail.com

☎ +94 71 342 2178

📍 colombo,srilanka

📅 12/08/2000


🌐 [linkedin.com/in/sithumi-gamage-a0a470274](https://www.linkedin.com/in/sithumi-gamage-a0a470274)


🐙 [github.com/sithumigamage](https://github.com/sithumigamage)


### PROFILE


Computer Science undergraduate at Eastern University, Trincomalee Campus, with a strong passion for full-stack development and quality assurance. Experienced in building responsive web applications and managing both front-end and back-end systems. Proficient in programming, problem-solving, database management, and software testing. Demonstrates a keen interest in delivering efficient, scalable, and high-quality software solutions. Eager to contribute to innovative projects in the IT industry and continuously grow as a developer and QA professional.

### CERTIFICATES


**Selenium WebDriver with Java - Basics to Advanced + Frameworks**   
Udemy (Issued: March 2025)

**Python for Beginners**   
Department of Computer Science & Engineering,  
Faculty of Engineering, University of Moratuwa  
(Issued: March 2024)


**Front-end Web Development**   
Department of Information Technology, Faculty  
of Information Technology of Moratuwa (Issued:  
March 2024)

**Web Design for Beginners**   
Department of Information Technology, Faculty  
of Information Technology of Moratuwa (Issued:  
March 2024)


### PROJECTS

**Portfolio Website**   
Personal responsive portfolio with dark/light theme toggle

- Designed and developed a responsive React-based portfolio site
- Implemented theme toggle, download CV functionality, and section navigation.
- Technologies: React.js, Tailwind CSS, JavaScript.

**Pneumonia Detection from Chest X-Rays**   
Deep learning-based medical image classification system

- Built a Convolutional Neural Network (CNN) using TensorFlow/Keras with 91% accuracy.
- Integrated image preprocessing and augmentation for improved model performance.
- Developed a FastAPI backend and a React.js frontend for web deployment.
- Technologies: Python, TensorFlow, FastAPI, React.js.

**Currency Converter Web Application**   
Real-time currency exchange tool using public API

- Integrated the Frankfurter API for live currency rates and conversion.
- Designed a responsive UI using React.js and Tailwind CSS.
- Focused on clean UI/UX with responsive design principles.
- Implemented localStorage to save favorite currencies.

## SKILLS

### Languages

- C++
- Java
- JavaScript
- Python
- PHP

### QA Tools & Frameworks

- Selenium (Automated Testing)
- TestNG (Test Framework)
- JUnit (Unit Testing for Java)

### Web Development

- HTML
- CSS/Bootstrap

### Databases

- MySQL
- MongoDB

### Software Testing

- QA Principles and Methodologies
- Manual Testing
- Automated Testing (Selenium, TestNG)

### IDE

- Visual Studio Code
- Dev-C++
- Jupyter Notebook

### Frameworks

- Flask
- React

### Other Tools

- Adobe Flash
- Figma
- Canva

## EDUCATION

### Bachelor of Computer Science (Undergraduate)

Eastern University Of Sri Lanka.  
present

**G.C.E. Advanced Level Examination (2020)**  
Combined Maths:B |Chemistry: C|Physics: C

### Completed diploma in English

Diploma Level | Esoft Metro campus.

- Technologies: React.js, Tailwind CSS, REST API.

### Real-Time Weather App

React-based weather information application using OpenWeatherMap API

- Developed a responsive frontend with React.js and custom CSS for real-time weather updates.
- Integrated OpenWeatherMap API to fetch temperature, wind speed, humidity, and weather icons.
- Applied React best practices using state management and component reusability.
- Technologies: React.js, JavaScript, OpenWeatherMap API, HTML, CSS.

## SOFT SKILLS

Team Collaboration and Problem-Solving

Coordination Creativity in Technical Solutions

Positive attitude and Fast learning ability

Leadership Potential

Effective Communication

## EXTRA-CURRICULAR INVOLVEMENT

**Member-Netball team, Cricket team**

Trincomalee Campus, Eastern University of Sri Lanka.

**Member-Science society,Sports Council**

Trincomalee Campus, Eastern University of Sri Lanka.

## REFERENCES

**Mr.S.Thadchanamoorthy**, Senior Lecturer,  
Eastern University Of Sri Lanka.

Thadchanamoorthy@esn.ac.lk, +94 71 355 4948

**Mrs. K. Khethika**, Senior Lecturer,  
Eastern University Of Sri Lanka.

khedikas@esn.ac.lk, +94 77 917 6362

**Mr.H.M Harsha Udayanga**, Software Engineer,  
WEBS R US PTY LTD

harshaudayange401@gmail.com, +94 78 751  
4907