

# Thimira Akalanka

React, MERN Stack, Spring Boot Proficient | Frontend Developer | Backend Developer | Web Developer  
| Full Stack Developer

✉ thimiraakalanka13@gmail.com ☎ +94 763428663 📍 Galle District, Southern Province, Sri Lanka

## PERSONAL PROFILE

I am an optimistic & creative software engineer with a passion for technology and innovation. Skilled in HTML, CSS, and JavaScript, with experience in creating and maintaining responsive websites. And also, Experienced in the MERN stack (MongoDB, Express.js, React, Node.js) and am familiar with backend frameworks such as Spring Boot. Additionally, My background in data analysis and Machine Learning enhances my ability to tackle complex challenges. Experienced in incorporating version control tools like Git. Committed to continuous learning and applying best practices in web development. Seeking opportunities to contribute technical and grow as a software engineer in a collaborative development environment.

## WEB

Linkedin

[www.linkedin.com/in/thimiraakalanka-194bbb275](https://www.linkedin.com/in/thimiraakalanka-194bbb275)

Github

<https://github.com/Thimiraakalnaka>

Portfolio

<https://thimiraakalnaka.github.io/my-portfolio/>

## TECHNICAL SKILLS

HTML , CSS, REST API, Figma

**Languages:** Java, Javascript, Python

**Database:** MySQL, MongoDB

**Frameworks:** React, Bootstrap, Springboot, Selenium

**Developer Tools:** Git, AWS EC2

## REFERENCES

References available upon request

## EDUCATION

### Undergraduate In BSc (Hons) Software Engineering (2022 - 2024)

Cardiff Metropolitan University UK

### Higher Diploma In Computing and Software Engineering (2020 - 2022)

International College Of Business & Technology

### UGC Advanced Level Examination - Physical Science (2019)

G/Ananda Central College

## PROJECTS

### LPL Forecast (Lanka Premier League Win Probability Predictor)

Developed an innovative predictive analytics system for the LPL using advanced machine learning techniques. Implemented models with Python libraries (scikit-learn, numpy, pandas), identifying Logistic Regression as the most effective. Utilized Flask for the ML backend. Created the web application with the MERN stack (MongoDB, Express.js, React, Node.js) and conducted UI automation testing with Selenium.

- <https://github.com/Thimiraakalnaka/Lanka-premier-league>
- <https://github.com/Thimiraakalnaka/LPL-Forecast-UI-Automation-Testing-Selenium>

### Car Price Predictor

Implemented a Random Forest Regressor to predict car prices, demonstrating robust performance and high accuracy. The model outperformed others, making it ideal for pricing used cars. Developed the frontend with HTML & CSS and the backend with Flask.

- <https://github.com/Thimiraakalnaka/Car-Price-predicter-Model-Training>
- <https://github.com/Thimiraakalnaka/Car-Price-Prediction-Website>

### Personal Portfolio

Developed and deployed a dynamic portfolio website using React and Bootstrap to ensure a responsive design. Successfully deployed the site through GitHub Pages, showcasing my projects and skills with an interactive and user-friendly interface.

- <https://thimiraakalnaka.github.io/my-portfolio/>