MAHEESHA NETHMINA

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📍 Athmaga,Gemunumawath,Nakulugamuwa

Summary

Motivated final-year Computer Science and Technology undergraduate at Uva Wellassa University of Sri Lanka with strong skills in software development and problem-solving. Experienced in building full-stack applications using Spring Boot, React, and the MERN stack, with working knowledge of AWS, Docker, API integration, and database management (PostgreSQL, MongoDB). Passionate about developing scalable, efficient, and modern software solutions.

Education

Bsc(Hons) Computer Science & Technology(Undergraduate)
Uva Wellassa University of Sri Lanka
2022 – present
Badulla, Sri Lanka
Cumulative GPA: 3.30

G.C.E. A/L - Physical Science stream(with ICT) - 2020
St. Thomas' College , Matara
Passed with B,B,C grades

languages

English

Sinhala

Projects

Multivariate Anomaly Detection Using Machine Learning and Image Processing for Early Wildfire Detection in Wildfire-Prone Regions
Onging Research Project

- Ongoing research focused on early wildfire detection using LSTM networks for anomaly detection in multivariate environmental data
- Utilizing Vision Transformers (VIT) for classifying wildfire stages
- Achieving improved accuracy and early identification of wildfire-prone areas

FurniQ – Online Furniture Store
Ongoing Project

- Developing an online furniture store as a full-stack developer using Spring Boot, React, and PostgreSQL
- Building responsive web interfaces, backend services, and database integration

GitHub: github.com/Maheesha-Nethmina/FurniQ_forntend
Figma : figma/furniQ

CoralStay – Beach Hotel & Coral Reef Tour Booking Platform
Project II - 2025

- Developed a MERN stack web application as a web designer and full-stack developer
- Enabled users to book hotel rooms and coral reef tours
- Explored virtual reef experiences
- Accessed personalized dashboards
- Full admin panel functionality

GitHub : github.com/Maheesha-Nethmina/Coral-Stay_Frontend
Figma : figma/CoralStay

LifeLine – Donation System for Medical Operations
Project I - 2024

- Developed LifeLine as a full-stack developer, enabling users to view verified medical cases, make secure donations, engage volunteers, and ensure transparency
- Implemented frontend functionality using HTML, CSS, JavaScript, and Bootstrap
- Implemented backend functionality using PHP and MySQL

GitHub : github.com/Maheesha-Nethmina/Life-Line

Technical Skills

Programming Languages: Java, JavaScript, Python, PHP

Frameworks & Libraries: Spring Boot, React.js, Node.js, Bootstrap , Tailwind CSS

Databases: PostgreSQL, MySQL, MongoDB

Tools & Platforms: GitHub, Postman, AWS, Docker, Jira, VS Code, IntelliJ IDEA, XAMPP

Design Tools: Figma

Soft Skills

- Teamwork and Collaboration
- Problem-Solving
- Analytical Thinking
- Time Management
- Effective Communication
- Creativity

Volunteering

UWU EXPO 2025
Uva Wellassa University of Sri Lanka

Worked collaboratively with a volunteer team to organize event activities and develop a marker-based AR project featured at the event.

Projects

ExploreX – Frontend Web Application

2024

- Designed and developed ExploreX as a web designer and frontend developer using React and CSS, creating responsive, mobile-friendly interfaces with component-based architecture and smooth navigation to enhance user experience

GitHub : github.com/Maheesha-Nethmina/Explore-X
figma : figma/ExploreX

TravelGuide — Smart Travel Planning & Booking System

2024

- Developed as a team project for the Rapid Application Development module
- Contributed as a Java developer, implementing booking, authentication, and admin management features using Java, JSP, Servlets, and MySQL

GitHub : github.com/Maheesha-Nethmina/TravelGuide

Certifications

- Spring 6: Spring Security – LinkedIn Learning
- Spring Boot 3 Essential Training – LinkedIn Learning
- Advanced React – Meta (Coursera)
- AWS Cloud Practitioner Essentials – Amazon Web Services (Coursera)
- Docker Foundations Professional Certificate – LinkedIn Learning
- Introduction to DevOps – IBM (Coursera)
- Foundations of Software Testing and Validation – University of Leeds (Coursera)
- Python for Beginners – University of Moratuwa, Sri Lanka

References

Mr. M.N.T. Nandasena

Lecturer (Probationary)
Department of Computer Science and Informatics
Faculty of Applied Sciences
Uva Wellassa University

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Mr. N G N Thilakshan

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