

# ATHMISAYNEE RAVEENDRAN

Software Engineer Intern | Programming Enthusiast | Problem Solver

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• 32/2 Vidyalayam Road, Trincomalee

## Summary

I'm a third-year BSc (Hons) Information Technology student at the University of Moratuwa with a Strong performance in core coding subjects such as Programming Fundamentals, DSA, OOP, and Software Engineering. I thrive on uncovering meaningful patterns in data and building full-stack applications that transform insights into intuitive, user-friendly solutions. My experience includes leading end-to-end development for a real-time management system with Millennium IT—handling everything from requirements gathering and UI/UX design to backend development and deployment. A BrainStorm 2025 healthcare innovation finalist, I'm driven by solving real-world challenges through clean code, scalable architectures, and data-driven insights.

## EDUCATION

B.Sc. (Hons) in Information Technology — UNIVERSITY OF MORATUWA

AI/ML Engineer Stage 1 — SLIIT

G.C.E Advanced Level — T/Sri Shanmuga Hindu Ladies College

## Technical Skills

Programming Languages: Java • Python • C • Javascript

Web Development & Frameworks: • React • Spring Boot • JWT • Material UI • HTML • CSS • RESTful API • Vercel

Tools: Git & GitHub • Postman • Excel • SMTP (Email Services) • Google Colab • Jupyter Notebook • Figma • Kaggle

Data Science & Visualization: • Pandas • NumPy • Matplotlib • Seaborn • Microsoft Power BI • Scikit-learn

Databases: MySQL • DynamoDB(Beginner)

Soft Skills: System Thinking • Self-Learning & Adaptability • Analytical Thinking

## Experience

### Millennium IT ESP

#### RMA Focused Web Application Developer

09/2024 - 07/2025

- Led the development of a full-stack Hardware Management System, initiating the UI/UX design and building responsive interfaces using React, Material UI, and Framer Motion
- Implemented secure authentication and role-based authorization using JWT, ensuring protected access across the application
- Developed admin-level CRUD operations with Spring Boot and MySQL to manage hardware records and user roles efficiently
- Integrated SMTP email services for 'Forgot Password' and account recovery features

### Neuro Sync | Brainstorm

#### Full-Stack Developer

04/2025 - 06/2025

- Designed and developed **FaceCues**, an assistive AI-powered feature that helps children with autism recognize facial expressions
- Led the integration of the AI model into a responsive React interface using OpenCV for real-time emotion detection and feedback

### Individual Project

#### Stroke Statistics Dashboard

07/2025 - 08/2025

- Developed an interactive medical dashboard to analyze stroke-related statistics across demographics, health conditions, and lifestyle factors
- Built using Streamlit and Plotly, enabling users to filter data and visualize trends through dynamic, real-time graphs
- Designed intuitive UI/UX for healthcare professionals and researchers to uncover stroke risk insights from 5,000+ patient records
- Integrated data preprocessing, EDA, and interactive filtering for seamless exploratory analysis

### Individual Project

#### Portfolio

2025

- Developed a personal portfolio website to showcase projects and technical skills.

## Experience

### TREK – Travel App (UI/UX Contributor)

Rootcode Triathlon 2024

2024

- Contributed to UI/UX design for a travel-focused web app aimed at improving the user experience for tourists in Sri Lanka
- Designed clean, intuitive interfaces with a mobile-first approach using **Figma** and iterative feedback loops
- goal was to create a user-friendly, feature-packed app that simplifies every aspect of a traveler's journey

## Certifications

Fundamentals of Agents - Hugging Face

Google Data Analytics (capstone project)

Web Design for Beginners - University of Moratuwa

SQL Intermediate - Solo Learn

AWS cloud technical essentials - Coursera(ongoing)

## Languages

Tamil Native ●●●●●

English Advanced ●●●●●

Sinhala Intermediate ●●●●●

## Volunteering

Trincomalee District Student Union

Member

02/2023

Snehe Yathra Organizing Committee - Rotaract

Committee Member

05/2025

Faculty of Information Technology

Batch Representative

07/2025

## ACHIEVEMENTS

🏆 Finalist  
Brainstorm

🏆 UI UX Semifinalist  
ASTA

🏆 All Island Physical Education  
Championship

## Find me online

**in** LinkedIn  
<https://www.linkedin.com/in/athmisayne-raveendran-968664267>

**GitHub**  
<https://github.com/sayneeRavi>

**Portfolio**  
<https://athmisayneedev.vercel.app/>

## References

Ms Adshayani Pirapaharan, Lecturer, Faculty of Information Technology, University Of Moratuwa — padshayani@uom.lk

Mr Suranjan Nayanjith, System Engineer, MilleniumIT ESP — suranjann@mitesp.com, +94 71 682 8834