

AMAYA FERNANDO

SOFTWARE ENGINEER INTERN



CONTACT

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TECHNICAL SKILLS

Programming Languages

- C
- PHP
- C#
- JavaScript
- Java

Web Development

- React JS
- HTML
- Node JS
- CSS
- Laravel
- Tailwind CSS
- ASP.NET

Database

- MySQL
- PostgreSQL
- MongoDB

Cloud Platforms

- Microsoft Azure

Design

- Figma
- Canva
- GIMP



PROFILE

A motivated and adaptable individual with strong time management and interpersonal skills, excelling in both collaborative and independent environments. I approach challenges with curiosity and positivity, driven by a genuine passion for technology and innovation. I'm eager to learn, grow, and contribute to impactful software solutions that create real value.



EDUCATION

- **University of Moratuwa** 2022 – PRESENT
B Sc.(Hons) Information Technology and Management
CGPA - 3.3 (Up to Semester 3)
- **Aquinas Diploma in English language & Literature (Level I & II)** 2017
- **Holy Family Balika MV, Marawila** 2007 – 2021
GCE Advanced Level (2021)
Physical Science Stream

GCE Ordinary Level (2017)
Results : 9 As



PROJECTS

- **Evelora - Assessment Management System**
Level 2 Software Development Project (Group)

Developed an automated platform to streamline recruitment through role-based candidate assessments., mentored by Bistec Global Services.

As a full stack developer I Built a blog system with admin/user views and a real-time results dashboard with user rankings and interactive charts.

- Technologies : React JS, Tailwind CSS, ASP.NET Core, PostgreSQL, Azure

Version Control

- GIT

Other Related Skills

- Postman

COMPETITIONS

- InnovateX'25 (Finalist)
- Ballerina'24 (Participant)
- Code Rush'24 (Participant)

SOFT SKILLS

- Problem-Solving
- Teamwork and Collaboration
- Time Management
- Communication Skills
- Critical Thinking
- Eagerness to Learn
- Leadership Skills
- Adaptability

LANGUAGES

- Sinhala (Native)
- English

REFERENCE

Prof. (Mrs.)Thanuja

C.Sandanayake (PhD, MPhil,
BSc)

Professor | Department of
Interdisciplinary Studies |
Faculty of Information Technology
University of Moratuwa

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(Ms) Shalika Fernando

Lead Software Engineer |
Technical Lead at IFS
Global Consulting Delivery Sri
Lanka

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Air Guard - Air Quality Monitoring System

Level 1 Hardware Project (Group)

Designed a real-time air quality monitoring device using multiple sensors, with data stored in Firebase and displayed via a custom web app. Integrated SIM800L for SMS alerts and offline access, enabling both live and historical data viewing.

- Technologies: Raspberry Pi Pico W, Firebase, SIM800L, IoT Sensors (CJMCU gas, 18B20 temperature, AO03 oxygen, and DSM501A dust sensors.)

Travel Tale - Travel Review System

Individual Project

Developed a review system for travel destinations using Laravel. The platform includes user authentication , allowing users to view and create reviews, while admins can manage them.

- Technologies: Laravel, MySQL, HTML, CSS

QuickAI – AI-Powered Content & Image Generator

Individual Project

Built an AI-based web app using the PERN stack with secure user authentication (Clerk), subscription billing, and a serverless PostgreSQL database (Neon). Includes tools for article generation, image creation, background/object removal, and resume analysis.

- Technologies: React, Node.js, Express, PostgreSQL, Clerk



VOLUNTEERING EXPERIENCE

- Co-Lead of Marketing Committee - Hackelite 2.0 (2025)
- Editorial Committee Member - INTECS Faculty of IT UOM (2024/25)
- Publicity Committee Member - UXPlor 2.0
- Program & Event Coordination Committee Member - IEEE Student Branch UOM (2024/25)
- Editorial Committee Member - Gammeddata IEEE Api 4.0 (2025)
- Junior Prefect - Holy Family Balika MV (2016)



WORK EXPERIENCE

Trainee Bank Associate - Cashier | People's Bank

(June 2022 - December 2022)



EXTRA CURRICULAR ACTIVITIES

- Dancer at Dancing Society UOM
- All Island Dancing Competition (Participant 2015)
- Bharatha Natyam Visharad (Up to Level 2)