AMAYA FERNANDO
SOFTWARE ENGINEER INTERN

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LinkedIn | GitHub | Portfolio

ABOUT ME

A keen tech learner focused on turning ideas into impactful digital solutions. I find joy in figuring things out, whether debugging tricky code or exploring new frameworks, and approach each opportunity with flexibility, optimism, and a growth mindset. Blending curiosity with purpose, I thrive in both collaborative and independent environments. Currently seeking a **Software Engineering internship** to contribute meaningfully and grow through every experience.

EDUCATION

University of Moratuwa   2023 - 2027
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 (Bistec Global Services)
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, Tailwind CSS, ASP.NET Core, PostgreSQL, Azure
- Repository: Frontend | Backend

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.js, PostgreSQL, Clerk
- Website Link: Live Demo

Travel Tale - Travel Review System
Individual Project

A Laravel-based web application enabling users to explore travel destinations and share authentic reviews, featuring secure user authentication, CRUD operations for reviews, and an admin dashboard for managing destinations and reviews.
- Technologies: Laravel, PHP, MySQL, HTML, CSS
- Repository: Github

MoneyMesh - Personal Finance management App (Ongoing)
Individual Project

A mobile application to track daily expenses across multiple payment methods, manage budgets and credit cards with alerts, and generate insightful financial reports with smart spending suggestions.
- Technologies: React Native, Node.js, and PostgreSQL

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.)

TECHNICAL SKILLS

Programming Languages : C, C#, JavaScript, Java, PHP
Web Development : React, HTML, CSS, Tailwind CSS, Node.js, ASP.NET Core, Laravel
Database : PostgreSQL, MySQL, MongoDB
Cloud Platforms : Microsoft Azure
Version Control : Git
Design : Figma, Canva, GIMP
Other Related Skills : Postman

SOFT SKILLS

- Analytical and solution oriented mindset
- Teamwork and Collaboration
- Time and task management
- Effective communication
- Leadership and coordination abilities
- Flexible and adaptable to change

WORK EXPERIENCE

Trainee Bank Associate - Cashier │ People's Bank　　　　　　June 2022 - December 2022

COMPETITIONS

- InnovateX (Finalist)　　　　　　　　　　　　　　　　　　　2025
- Ballerina (Participant)　　　　　　　　　　　　　　　　　　2024
- Code Rush (Participant)　　　　　　　　　　　　　　　　　　2024

VOLUNTEERING EXPERIENCE

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

EXTRA CURRICULAR ACTIVITIES

- Dancer at Dancing Society, University of Moratuwa
- All Island Dancing Competition (Participant)
- Bharatha Natyam Visharad (Up to Level 2)

REFERENCE

Prof. (Mrs.)Thanuja C.Sandanayake (PhD, MPhil, BSc)
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