

Thinal Pethiyagoda

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[GitHub/thinal12](https://github.com/thinal12)

Work Experience

Intern Software Engineer Millennium IT ESP (August 2024 – August 2025)

- Developed the backend of a ticketing system using the company's proprietary **Java**-based framework and a custom scripting language.
- Developed a secure, full-stack web platform with user authentication, role-based access control, and a dynamic dashboard for real-time record and data visualization. Built using an in-house framework with **JavaScript** (Frontend), **Java** (Backend), and **PostgreSQL** (Database).
- Automated data handling tasks by utilizing **VBA** to streamline **Excel** data imports and exports, enhancing efficiency and usability for the client.

Education

BSc (Honours) Computer Science -2nd Class Upper University of Plymouth – United Kingdom

Cambridge International Examinations

Ordinary Level (O Level)

- English Language – A
- Computer Science – A
- Computer Science (Second Paper) – B
- Chemistry – A
- Mathematics – A
- Physics – A
- Biology – B
- Literature in English – C

Advanced Level (A Level)

- Psychology – A*
- Computer Science – B
- Mathematics – B

Projects

- Developed a website to upload and stream music using **HTML**, **JavaScript**, **CSS**, and **PHP**.
- Created a mobile-based LMS tailored for students and lecturers using **Android Studio (Java)** and **FireBase**.
- Built an AR-based navigation app for new students using **Unity**.
- Designed an IoT object-recognition system for automated traffic light control.
- Developed online shopping system using **.NET** framework.
- Created a garbage collection website using **HTML**, **JavaScript**, **CSS** and **Firestore**.
- Developed a **restaurant ordering web app** using the **MERN stack**.
- Final year project: A **React Native** mobile app that uses **face recognition** and **augmented reality** to record attendance and generate AR profiles for students.

Skills & Abilities

Technical skills

- Languages: JavaScript, Java, Python, C#, HTML, CSS
- Frontend: React, React Native, Java Swing
- Backend: Node.js, Express, Flask, .NET
- Databases: MongoDB, PostgreSQL, MySQL, Firebase
- Cloud & DevOps: Microsoft Azure, GitHub (CI/CD, Version Control), Bitbucket
- Testing: Jest
- Design & Prototyping: Figma
- Computer Vision & Recognition: Object Recognition, Face Recognition
- Immersive Technologies: Augmented Reality (AR)

Other skills and strengths

- Public Speaking
- Teamwork & Collaboration
- Problem-Solving
- Creative Thinking
- Strong in analytical skills
- Leadership
- Attention to detail

Activities and Interests

- NSBM Green University Sports Colors for Soccer 2022.
- School Sports Colors for soccer and cricket
- Participated in two-day workshop on Leadership & Team Building at Lyceum International School Ratnapura 2015.
- Volunteer – Run for Their Lives 2019.

Referees

Dr. Rasika Ranaweera

Dean/Senior Lecturer Department of Software Engineering

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Thamal Nanayakkara

Software Engineer

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