



DILMANI BALALLA

COMPUTING UNDERGRADUATE

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PROFILE

Undergraduate of Computer science with experience over a span of coding languages, with proficiency leading projects in system design and building. Eager to secure an internship with my highly refined collaborative skills, drawing on previous experience

EDUCATION

BSc IN COMPUTING (Hons) University of Coventry, England (reading)

HIGHER NATIONAL DIPLOMA IN SOFTWARE ENGINEERING (reading)

National Institute of Business Management (NIBM)-current GPA(3.85) 2024-2025

DIPLOMA IN SOFTWARE ENGINEERING (Hons)

National Institute of Business Management (NIBM)-GPA(3.95) 2023-2024

GCE ADVANCED LEVEL-2020-2022

Holy Family Balika, Kurunegala

Chemistry B|Biology C | Physics C |

GCE ORDINARY LEVEL

Royal International School, Kurunegala A-9

PROFESSIONAL EXPERIENCE

Software Developer Intern at MountainOrg People Services (October 2024 - March 2025)

- Designed and developed the front end of MO's website using React Vite, contributing to a faster load time and improved UI responsiveness.
- Built and maintained features for the admin panel, which include Pricebook and Product Management tools, simultaneously reducing the update time of products.
- Utilized Redux for state management and Storybook to build and test reusable UI components, increasing front-end development speed.
- Collaborated closely with back-end developers and designers to ensure consistent integration and visual consistency across the platform.

PROJECTS

Global Video Game Sales Predictor (January 2025)

Functionality: Designed and trained machine learning algorithms to predict global video games sales amount.

Contribution: Built a full-stack web application integrating machine learning models with a Python backend, using Flask for API development, connected the front end to ML-powered back-end services and consolidated model integration using Flask routes and RESTful APIs, leading to consistent communication between UI and back end.

Technology stack: React, Flask, python, Scikit-learn

BeSpeak ESL tutoring platform (Ongoing)

Functionality: Architecting and implementing core LMS features enabling administrators and tutors to create/edit classes, assign coursework, grade student work, and monitor progress.

Contribution: Leading a team of 2 software developers, and a UX/UI designer to develop and launch an online ESL tutoring platform which is integrated with a Learning Management System.

Technology stack: MongoDB, Express.js, React, Vite, Tailwind CSS, Node.js, Numpy, Scikit-learn

Pet adoption system System(Ongoing)

Functionality: full-stack web application to streamline pet adoption by automating applications, real-time updates, pet matching, and admin management.

Contribution: Integrated machine learning (via Flask) to analyze adoption speed and recommend pet matches based on user preferences and built a robust admin panel to manage users, pet profiles, and adoption workflows efficiently. **Technology stack:** React.js, Spring Boot (Java), Flask (Python), Machine Learning, Microservices

PROFESSIONAL SKILLS

Web development: Javascript, Typescript, React/React Vite, Node.js, Spring boot(java), HTML5, CSS3

Database Systems: MySQL, MongoDB, Firebase, Oracle SQL

Development tools: Figma

Programming languages: Java, Python, Kotlin

Project management: Jira **Version control:** Github, GitLab

SOFT SKILLS

- Teamwork and Collaboration
- Friendly, Positive Attitude
- Time Management
- Communication skills (Fluent in English and Sinhala)

LICENSES AND CERTIFICATIONS(19)

[* Credentials](#)

REFERENCES

- T.B.R.Ekanayake Lecturer -Consultant / Lecturer-School of Computing and Engineering National Institute of Business Management(tbrekanayake@gmail.com)
- Sumudu Chathurika-Consultant / Lecturer-School of Computing and Engineering-National Institute of Business Management(sumudu@nibm.lk)

