KASUNI ABEYNAYAKE

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[LinkedIn](#) │ [GitHub](#) │ [Portfolio](#)

SUMMARY

I am a computer science undergraduate. I have strong teamwork, communication, and problem-solving skills. I am energetic and dedicated to creating innovative solutions and thrive working with others. Whether solving tough problems or developing new ideas, I am committed to doing my best and passionate about advancing technology.

WORK EXPERIENCE

Option 4 Software Solutions (Startup) │ UI/UX Designer & Full-Stack Developer – Intern   **Dec 2024 - May 2025**
- Designed and developed responsive UI components using Figma, React, and Tailwind CSS to enhance user experience across web applications.
- Built and integrated RESTful APIs with Node.js and Firebase, ensuring secure data flow and consistent design-to-development handoff.

EDUCATION

Plymouth University, affiliated with NSBM Green University   **2022-2025**

- Bachelor of Science with Honours in Computer Science (**Final Aggregate Point - 66.91/100)**

ESOFT Metro Campus   **2022-2023**

- Pearson Assured Diploma in Information Technology (DiTEC)
  - **Grade: Distinction**
- Pearson Assured Diploma in English (DiE) - 2022
  - **Grade: Distinction**

Sri Rahula Balika Maha Vidyalaya, Malabe   **2020 - 2007**

- Successfully Completed GCE Advanced Level Examination in Biological Science Stream - 2020
- Successfully Completed GCE Ordinary Level Examination - 2017

PROJECTS

1. EnFauna – Integrated Wildlife Conservation Platform   **Sep 2024 - May 2025**

Individual Final Year Project │ Tools: React,TailwindCSS, Node.js, MongoDB, Firebase, PyTorch, Cloudinary │ [GitHub](#)
- Built a mobile-first web app for wildlife awareness, incident reporting, and conservation fundraising in Sri Lanka.
- Developed responsive frontend with React (Vite), Tailwind CSS, and implemented secure user auth using Firebase (Email/Google OAuth).
- Created RESTful APIs with Node.js and Express; managed data with MongoDB and Mongoose.
- Integrated PyTorch-based AI model (ResNet18) to classify wildlife images uploaded by users.
- Enabled image uploads via Cloudinary and developed admin/user dashboards for data management.

2. Flixora - Cinema Booking System   **Dec 2024 - Jan 2025**

Frontend Developer and UI/UX Designer │ Tools: React (Vite), Tailwind CSS, Node.js, Express.js, MongoDB Atlas, Socket.IO, AWS S3, GitHub, Docker │ [GitHub](#) , [Figma](#)
- Developed frontend for both user and admin interfaces using React and Tailwind CSS.
- Designed UI/UX with Figma and implemented dynamic seat selection, booking flow, and media display.
- Integrated real-time features with Socket.IO for seat availability and booking updates.

3. Medsync – Medical Information Management System   **Feb 2024 - Jul 2025**

Web Developer and Planning Leader │ Tools: PyQt5, Firebase, OpenCV2, Pillow, PHP, Bootstrap 5.3 │ GitHub
  - Designed desktop app UI using PyQt5.
  - Integrated QR code scanner with OpenCV2 and Pillow.
  - Contributed to the final report (abstract, specs, future work, appendix).
  - Developed an external website homepage with Bootstrap and PHP.

4. VistaRoom – Web-Based Interior Design Visualizer   **May 2025**

Fullstack Developer │ Tools: React 18.3, React Three Fiber, Tailwind CSS, Firebase, Zustand, Figma │ GitHub , Figma
  - Served as Project Lead and Coordinator: managed timelines, team tasks, and final report submissions.
  - Developed 2D room layout designer using React and Tailwind CSS.
  - Ensured cross-platform responsiveness

5. GreenStay – Student Accommodation Finder   **Mar 2024 - Apr 2024**

Web Developer and QA Engineer │ Tools: HTML, CSS, JS, PHP, MySQL, Google Maps API │ GitHub
  - Managed Web Master interface.
  - Handled MySQL database design and implementation.
  - Created test cases to ensure system functionality.

TECHNICAL SKILLS

  - **Languages:** JavaScript, TypeScript, HTML, CSS, C, Python
  - **Frameworks:** React, Next js, C# (.NET), Express.js, Tailwind CSS, Bootstrap
  - **Database:** SQL, NoSQL (MongoDB, Firebase)
  - **Design & Prototyping:** Figma
  - **DevOps:** Git, GitHub, Firebase

EXTRA CURRICULUM

  - Western Province Band Competition: Senior Western Keyboard, 2nd place (2013)
  - Inter School ICT Day Competition: Best Presentation, 1st place (2015)
  - Member of ICT Community of Sri Rahula Balika Vidayalaya (2015–2017)
  - Member of Science Students Society of Sri Rahula Balika Vidayalaya (2018–2020)
  - Member of Media Unit at ESOFT Metro College Battaramulla (2023)
  - Successfully completed the Industry Preparation Training Program (IPT) Conducted by NSBM Green University Faculty Of Computing (2024)

REFERENCES

Mrs.Nethmi Weerasingha
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