KAUMADI AMASHA

Full Stack Developer - Intern

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in [Kaumadi Amasha](#)   ⓞ [Kaumadiii](#)

PROFILE

I am a motivated Computing & Information Systems undergraduate with a solid foundation in software development and web technologies. Quick learner and adaptable team player with strong problem-solving and communication skills. Passionate about building scalable applications and eager to contribute to innovative projects while enhancing technical expertise.

EDUCATION

Bsc.(Hons) in Computing & Information Systems   *2023 - Present*
- Sabaragamuwa university of Sri Lanka

G.C.E Advanced Level - Physical Science Stream   *2021*
- Central College - Anuradhapura

WORK EXPERIENCE

Law Clerk, Mr. S.C.S. Ibrahim – Attorney-at-Law, Anuradhapura   *2022- 2023*
- Assisted with legal research, document drafting, and case preparation. Managed office duties such as organizing legal files, handling correspondence, and performing day-to-day administrative tasks.

PROJECTS

EleFence 360 – Automated Elephant Detection & Deterrence System (Group) 🔗
Tech Stack: IoT | Flutter | Firebase
Achievements: Merit Award - National ICT Award NBQSA 2025, Nomination to represent Sri Lanka at the International ICT Innovative Service Awards (InnoServe Award 2025 – Taiwan)
- Real-time system designed to detect elephants near fences, monitor electric fence status, and reduce human-elephant conflicts.
- Integrated vibration sensors, frequency-based sound deterrents, and GPS mapping to identify and alert high-risk areas.
- Contributed by developing the mobile app for real-time alerts, integrating system data with authorities, and ensuring reliable communication between IoT devices and end-users.

VibeTalk (Individual) 🔗
Tech Stack: React.js | Node.js | Socket.io | MongoDB
- Developed a full-stack real-time chat application using React, Node.js, Socket.io, and MongoDB featuring JWT authentication, online/offline status, notifications, and media uploads.
- Implemented scalable backend architecture with REST APIs, rate-limiting, and email automation, alongside a responsive UI built with Tailwind CSS, DaisyUI, and Zustand for efficient state management.

Graduate Studies Application (Group) 🔗
Tech Stack: Laravel (PHP >=8.0) | MySQL | Node.js
- Developed a web-based system to streamline the graduate studies process for students, candidates, and administrators, featuring online application submission, candidate profile management, application status tracking with notifications, and an admin dashboard for reviewing applications.
- Implemented secure authentication and user role management, and assisted in reporting and analytics to improve workflow efficiency and ensure transparency.

Haldummulla Veterinary Services Web Portal (Group – Ongoing) 🔗

Tech Stack: React.js | Node.js | Express | MongoDB | Tailwind CSS

- Developing a web platform to improve veterinary service accessibility for farmers, especially dairy farmers, featuring office information, services (treatment, vaccination), announcements, and educational resources.
- Implementing online appointment bookings, request forms, and integrated contact details with Google Maps for efficient community support.

TECHNICAL SKILLS

- **Programming Languages —** JavaScript, Python, C, Java, Dart
- **Frontend Development —** React.js, Next.js, HTML5, CSS3, Tailwind CSS, Flutter
- **Backend Development —** Node.js, Express.js, Java (Spring Boot), PHP (Laravel)
- **Full Stack Frameworks & Stacks —** Laravel, Next.js, Spring Boot, MERN Stack
- **Databases —** MongoDB, MySQL, Firebase Firestore
- **Tools & Technologies —** Firebase, Git & GitHub, Postman, Figma, Visual Studio Code, IntelliJ IDEA
- **Embedded Systems** — IoT, Arduino Programming, Sensor Integration

SOFT SKILLS

Team Working Skill	Communication Skills	Time Management
Problem-Solving Skills	Self-Learning	Multi-tasking

AWARDS

- **Merit Award – National ICT Award NBQSA 2025** — *Oct 2025*
- **Nominated – International ICT Innovative Service Awards (InnoServe Award 2025 – Taiwan)** — *Nov 2025*
- **Winners(Proposal submission Round) - DEV{thon} 2.0** — *Apr 2025*
- **Top 10 – IEEE INSL Sabaragamuwa Province Competition 2024** — *Nov 2024*

VOLUNTEERING EXPERIENCES

- **Public Visibility Chair** — *Sep 2024 - Sep 2025*
  IEEE CS Student Branch Chapter of SUSL
- **Event Chair | InspireIEEE 2025** — *Apr 2025*
  IEEE Student Branch of SUSL
- **Marketing Team Member | Hope 2.0** — *Jul 2025 - Present*
  IEEE WIE Affinity Group Student Branch of SUSL

REFERENCES

Prof. S.Vasanthapriyan
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