

SANDUN PAHASARA

IT UNDERGRADUATE | FULL-STACK DEVELOPER & UI/UX DESIGNER



- No. 166/2/3, Mahawila, Panadura
- s.pahasara2001@gmail.com
- @sandunpahasara
- 076-5509618
- [LinkedIn Profile](#)
- [@SandunPahasara](#)

TECHNICAL SKILLS

- Full-Stack Development:** Proficient in MERN stack (MongoDB, Express.js, React.js, Node.js) and PHP
- Frontend:** Next.js, JavaScript, TypeScript, HTML5, CSS3, TailwindCSS.
- Databases:** Experience with MongoDB, MySQL, and Firebase, including design and optimization.
- Tools & Methodologies:** Git, VS Code, Postman, Jira, Figma, Adobe XD , Agile Development.
- Soft Skills:** Project Management, Team Collaboration, Problem-Solving, and strong communication skills developed in a corporate environment.

EDUCATION

DIPLOMA IN INFORMATION TECHNOLOGY

University of Moratuwa (NDT)
2024–Present

BACHELOR'S DEGREE SOFTWARE ENGINEERING

Open University of Sri Lanka
2023–Present

DIPLOMA IN SOFTWARE ENGINEERING

Esoft Metro Campus
2022–2023

G.C.E A/L-MATHEMATICS STREAM

Prince of Wales College, Moratuwa
2018–2020

CERTIFICATIONS

- Pearson Diploma in Software Engineering
- Web Design for Beginners (UoM-CODL)
- Full Stack Development (CodeAlpha)
- Pearson Diploma in English & IT
- Python for Beginners (UoM-CODL)
- Cambridge KET Advanced English

PROFILE

Skilled Full-Stack Web Developer with expertise in MERN stack, PHP, and modern UI/UX design. Proven experience developing scalable applications, leading technical projects, and implementing IoT solutions. Strong background in database optimisation, responsive design, and agile development methodologies.

KEY PROJECTS

2024 Smart Garment Production Tracking System(SGPTOS) - MERN Stack, RFID, IoT, Analytics Dashboard



- Final year project addressing inefficiencies in garment manufacturing by replacing manual processes. This comprehensive solution enhances efficiency, quality control, and production monitoring.
- Integrated RFID technologyfor end-to-end, real-time tracking of garments at every production stage.
- Implemented IoT sensors for machine health monitoring to enable predictive maintenance and reduce downtime.
- Developed a centralized analytics dashboard to consolidate data on productivity, efficiency, and defect rates, enabling data-driven decision-making for management

2024 E-CommercePartyItemsPlatform - React.js, Node.js, MySQL, TailwindCSS



- Full-stack e-commerce application with product management, shopping cart, payment integration, and admin dashboard.

2023 Conference Management System - HTML5,CSS3, JavaScript, PHP, MySQL



- Web-based platform for conference scheduling, speaker management, attendee registration, and automated notifications.

2024 Sri LankaPostDigital Service-React, TypeScript, Node.js, Express, MongoDB



- Developing a full-stack digital postal service application. The project includes a React/TypeScript frontend with Tailwind CSS and a Node.js/Express backend. Key features involve user authentication, parcel tracking, and pickup requests.

EXPERIENCE & LEADERSHIP

- Junior Executive at Pan Asia Bank** (2022–2024) with strong analytical, communication, and project management skills, and experience in cross-departmental collaboration.
- Held leadership roles as Director of Social Media for the Zero Plastic NDT Initiative (2024) and Committee Member of the Nature Team at the University of Moratuwa (2024–2025). Active participant in the University Computer Society and Media Club.

REFERENCES

Mrs. Uthpala Athukorala

Head of Division of IT ITUM
Email: uthpalap@itum.mrt.ac.lk
Phone: +94772666602

Mrs. D. A. S. Ruwanmini

Senior Lecturer of ITUM
Email: ruwanminis@itum.mrt.ac.lk
Phone: +94778558303