

Pamuda Sansika

Intern Software Engineer

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Colombo, Sri Lanka

SKILLS

Technical Skills: Java, C, C++, .Net, Dart, JavaScript, HTML, CSS, PHP, React.js, React Native, Node.js, Flutter, Bootstrap, Blockchain (Evernode, Web3), Laravel, MySQL, Firebase, SQLite, REST APIs, WordPress, Shopify, Webflow, Figma, Git, GitHub, VS Code, Android Studio

Soft Skills: Problem Solving, Teamwork, Quick Learner, Adaptability, Effective Communication, Leadership

EDUCATION

University of Moratuwa Jan 2023 - 2027 (Expected)
B.Sc. (Hons) in Information Technology and Management (GPA-3.2)

Mahinda College, Galle 2008 - 2021
GCE Advanced Level (2021) — Commerce Stream: Accounting (A), Business Studies (A), ICT (B)
GCE Ordinary Level (2018) — 5 A's and 4 B's

PROJECTS

StepChamp — Blockchain-based Fitness Challenge App — React Native, Evernode Blockchain, Web3, Node.js, React

- Led the development of a blockchain-enabled fitness app with real-time step tracking and reward-based challenges.
- Integrated Web3 and Evernode blockchain to power decentralized leaderboards and token-based incentives.
- Built a React-based admin panel to manage users, challenges, leaderboards, and rewards.

AutoMobile System AutoCare Connect — Full-Stack Automobile Service Management — Next.js, TypeScript, Node.js, Express, MongoDB

- Developed dashboards for customers and employees to manage vehicle services, appointments, and modification requests with real-time updates.
- Built a responsive Next.js frontend with Tailwind CSS and shadcn/ui, integrated WebSocket and SSE for live notifications, and implemented secure authentication.
- Designed Node.js Express backend with MongoDB and Redis, supporting CRUD operations, role-based access, and an AI-powered chatbot for customer support.

Pet Health Monitoring System — ESP32, Flutter, Firebase

- Developed Flutter mobile app integrated with ESP32-based IoT hardware to track pet health parameters.
- Implemented Firebase for real-time data storage and synchronization between hardware sensors and mobile interface.
- Designed user-friendly dashboard for monitoring and analyzing pet health metrics over time.

MediServe — Hospital Appointment & Management System — Laravel, MySQL, Bootstrap, JavaScript

- Built hospital management system to streamline doctor appointments, patient records, and billing processes.
- Developed modules for patient registration, doctor scheduling, and automated invoice generation.
- Integrated secure role-based login system for patients, doctors, and administrators.
- Coordinated backend and frontend development ensuring smooth data flow across the platform.

WORK EXPERIENCE

Junior Front-end Developer

Nov 2024 - Present

Amplifyn (Full Time - Remote)

- Built responsive websites using Webflow with custom design and integrated third-party tools and APIs.
- Applied SEO best practices for improved visibility, increasing site traffic and user engagement.
- Developed custom components and features beyond native Webflow options using JavaScript.
- Created web applications using React.js, delivering dynamic and interactive user experiences.

Web Developer

2023 - 2024

IKON Labs (Part Time)

- Developed WordPress websites by customizing themes and installing required plugins for client needs.
- Set up hosting configurations including domain management and SSL certificate installation.
- Performed custom web development using HTML, PHP, MySQL, CSS, and JavaScript for tailored solutions.
- Delivered projects on schedule while maintaining high code quality and client satisfaction.

ACHIEVEMENTS

- **Co-Chairman — Devthon 1.0 (2024):** Led organization of university-level development hackathon.
- **Developer — Mora360:** Contributed to development of university platform application.
- **UI Designer & Developer — sports.mora:** Designed and implemented the user interface for a university sports management platform, focusing on usability, responsiveness, and performance.

EXTRA CURRICULAR ACTIVITIES

- **Member — Leo Club of University of Moratuwa (2023–Present):** Active participant in community service initiatives.
- **Member of Web & Tech Pillar — Moraspirit (2024–Present):** Contributing to technical development projects.
- **Senior Prefect — Mahinda College Prefect Board (2020–2022):** Demonstrated leadership and organizational skills.

REFERENCES

Dr. R.L.C. Shyama

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