

Dilshan Senanayaka

Junior software Developer

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🔗 <https://dilo1999.github.io/my-portfolio/> 🌐 <https://github.com/Dilo1999>

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Profile

A detail-oriented and enthusiastic Junior Software Developer currently working at M Data Zone SA Pvt Ltd. Skilled in developing, testing, and maintaining software applications, with a strong passion for learning new technologies and improving development efficiency. I thrive in collaborative environments and take pride in delivering clean, efficient, and reliable code.

Professional Experience

Junior Software Developer, M Data Zone SA Pvt (Ltd)

07/2025 – Present

Business Website Development (Next.js + Payload CMS)

colombo sri lanka

- Developed a fully responsive business website using Next.js with pixel-perfect UI based on provided designs.
- Built secure backend communication using Payload CMS and custom API endpoints.
- Implemented a complete authentication system including JWT (bearer & self-signed tokens), refresh tokens, federated tokens, OTP-based auth, and API tokens.
- Ensured optimized performance, SEO, and clean modular code following industry best practices.

Custom WordPress Backend Logic (PHP Plugin Development)

- Refactored complex backend logic into a custom WordPress plugin using PHP.
- Improved maintainability and reusability by modularizing business logic.
- Enhanced performance, security, and ensured compatibility with WordPress standards.

E-commerce Website Development (WordPress + WooCommerce + Elementor)

- Built an e-commerce website using WordPress, customizing WooCommerce and Elementor for client requirements.
- Developed and extended website functionality via two custom plugins using TypeScript, PHP, and JavaScript.
- Integrated product management, checkout customization, and UI enhancements for a seamless user experience.

Software Engineering Intern, Sri Lanka Export Development Board

05/2024 – 11/2025

Website Enhancements (actionplan.edb.gov.lk)

Colombo

- Added new features to the website using Laravel, managing both backend and frontend development.
- Updated and improved user account management functionalities.

Mobile App Development (crm.edb.gov.lk)

- Developed a React Native mobile application replicating the CRM system's web functionality.
- Integrated all core CRM features to ensure seamless cross-platform experience.

Website Development (wed.edb.gov.lk)

- Designed and developed a Laravel-based website with a user-friendly interface for EDB staff.

- Implemented backend functionalities for secure user management and access control.

Education

Bachelor of information and communication technology (BICT) Honours

2020 – 2025

Degree (specialized in software technology), *University of Sri Jayawardhanapura*

pitipana,homagama

Projects

Business Website Development, *Next.js + Payload CMS*

- Developed a fully responsive business website with pixel-perfect UI based on provided designs.
- Built secure backend communication using Payload CMS and custom API endpoints.
- Implemented authentication system: JWT (bearer & self-signed tokens), refresh tokens, federated tokens, OTP-based auth, and API tokens.
- Optimized performance, SEO, and ensured clean modular code.

Custom WordPress Plugin Development, – *PHP*

- Refactored complex backend logic into a modular custom WordPress plugin.
- Enhanced maintainability, performance, and security in line with WordPress standards.

E-commerce Website Development, *WordPress + WooCommerce + Elementor*

- Built a customized e-commerce website using WordPress, WooCommerce, and Elementor.
- Developed two custom plugins using TypeScript, PHP, and JavaScript.
- Integrated product management, checkout customization, and UI enhancements.

Patisserie-Rolland, *Wordpress | PHP*

- Implementing GoLivro for delivery services as a custom plugin. Changing Theme Translation using Pod File.
- Making content changes for the website.
- Admin panel custom plugin functionalities.

Skills

Technical Skills

Programming & Scripting: JavaScript, TypeScript, PHP, Python, Java, Dart (Flutter)

Web Development: Next.js, React.js, Laravel, WordPress, WooCommerce, Elementor, HTML5, CSS3, Tailwind CSS

Mobile App Development: React Native, Android Studio (Java/Kotlin)

Databases & Backend: MySQL, Firebase, Payload CMS, API development & integration

Authentication & Security: JWT (Bearer & Self-signed), Refresh Tokens, OTP-based auth, API Tokens

DevOps & Tools: Git, GitHub, VS Code, Postman

Soft Skills

- Problem Solving & Analytical Thinking
- Attention to Detail & Quality Focus
- Time Management & Meeting Deadlines
- Team Collaboration & Communication
- Adaptability & Learning New Technologies Quickly
- Critical Thinking & Decision Making
- Creativity & Innovation in Solution Design

References

Mr. Sarath Wijesinghe, *Asst. Director,* Information Technology Division, Sri Lanka Export Development Board, sarathw@edb.gov.lk, +94-71-8080409

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