

Chameera Mayura Bandara

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Summary

Senior Full Stack PHP Engineer with 5+ years of experience designing, developing, and deploying scalable Laravel and PHP web applications. Experienced in MVC architecture, REST APIs, SEO-friendly websites, caching strategies, cloud deployment, and high-performance web applications. Proven experience building high-traffic platforms serving over 100,000 concurrent users while improving page speed, scalability, and maintainability. Passionate about clean architecture, performance optimization, and technical SEO.

Skills

- Back-end: PHP 8, Laravel, Microservice APIs, MVC, NodeJS
- Front-end: HTML5, CSS, JavaScript (ES6), Tailwind CSS, Bootstrap, VueJS, ReactJS, NextJS
- Web Performance: Technical SEO, AEO, Meta Tags, Caching, Page Optimization, Structured Data, Sitemap and Canonical URL Management
- Database: MySQL, MongoDB,
- Cloud & DevOps: AWS EC2, Linux Administration, CI/CD Pipelines, Deployment Automation, Nginx, Cloud Infrastructure Management
- Testing & Security– Unit Testing, Integration Testing, API Testing, Debugging, Secure Coding Practices, OWASP Fundamentals
- AI-Assisted Engineering - GitHub Copilot, ChatGPT, AI-Assisted Development, Code Refactoring, Documentation Automation

Experience

Senior Software Engineer | Circlebook (Pvt) Ltd | Kandy, Sri Lanka | July 2023 – Present

- Directed a 12-member engineering team consisting of Software Engineers and Interns throughout the complete software development lifecycle of 100+ projects. Established development standards, conducted code reviews, and ensured delivery of scalable, secure, and maintainable software solutions.
- Designed and developed scalable PHP/Laravel MVC applications, REST APIs, routing systems, reusable controllers, and modular backend components supporting enterprise web platforms.
- Managed application deployment, release processes, cloud infrastructure, and production environments. Collaborated on CI/CD workflows, deployment automation, and operational improvements to enhance reliability and system stability.
- Collaborated with frontend teams to build SEO-friendly, responsive user interfaces using HTML, CSS, JavaScript, and Laravel Blade templates.
- Built and maintained reusable routing structures, middleware, authentication modules, and dynamic content generation systems.
- Improved rendering performance through caching, database optimization, query tuning, and asset optimization, significantly reducing response times for high-traffic applications.
- Web Platform Engineering: Built scalable PHP/Laravel web applications following clean architecture, reusable components, modular code organization, caching strategies, SEO optimization, and production deployment best practices.

Software Engineer | Circlebook (Pvt) Ltd | Kandy, Sri Lanka | October 2021 - July 2023

- **Backend Application Development:** Designed, developed, and maintained scalable web and desktop applications using Node.js, Laravel, PHP 8, React.js, MySQL, and MongoDB.
- Developed and maintained 10+ secure RESTful APIs supporting cross-platform integrations and enterprise workflows.
- Contributed to cloud deployments, production support, troubleshooting, and release management activities.
- Participated in code reviews, debugging, performance optimization, and implementation of secure coding practices.
- Collaborated with QA teams to improve software quality through structured testing and defect resolution.

Software Developer Intern | Circlebook (Pvt) Ltd | Kandy, Sri Lanka | April 2021 - October 2021

- Contributed to the development and testing of features for a core application using React.js and Node.js, resulting in a 15% reduction in reported bugs during the pre-release testing phase.
- Optimized backend API performance by refactoring PHP/Laravel code for 3 key endpoints, leading to a measured 250ms decrease in average response time for those services.

Associate Image Processor | Orel IT | Maharagama, Sri Lanka | August 2019 - December 2019

- Processed and verified large volumes of image data with 98%+ accuracy, ensuring timely delivery for the Road A2 project.
 - Maintained high productivity under strict daily targets by utilizing specialized image-processing tools and adhering to quality assurance guidelines and targets covered up to 280%.
 - Collaborated with cross-functional teams to identify data inconsistencies, streamline workflows, and support project milestones.
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Projects

Sirasa TV Website | sirasatv.lk | May 2023 - July 2023

- Led full-stack architecture and cloud deployment of the high-traffic website, implementing advanced caching and multimedia optimization to handle 50,000+ daily visitors with zero downtime.
- Developed a custom Laravel CMS with SEO-friendly URL structures, metadata management, XML sitemap generation, caching, and performance optimization supporting 50,000+ daily visitors.
- Engineered and integrated into a full custom Laravel CMS that empowered the client with 99.9% real-time content updates, achieving 100% operational independence. Delivered an automated analytics dashboard with caching, increasing the client's capacity for data-driven strategic planning by 40% through real-time visitor metrics.

SIBA Campus Website & Student Portal | siba.edu.lk/ | September 2023 - November 2023

- Directed development and deployment of the SIBA Campus website, incorporating an intuitive CMS, SEO and caching technologies that reduced average page load time by 20%. Engineered a secure, customizable Student Portal with a certificate checker and implemented responsive design standards for cross-device accessibility.

Sirasa Voice Voting Platform | voice.sirasatv.lk/ | February 2022 - April 2025

- Architected and led development of the high-volume Voting Platform, utilizing a proprietary caching mechanism to handle 100,000+ concurrent requests with zero performance degradation.
- Implemented a secure, real-time monitoring system and language-agnostic security protocols to ensure data integrity and 99.99% uptime throughout the voting period and Managed end-to-end cloud deployment and infrastructure scaling for the platform, ensuring robust performance under extreme load.

Sirasa Lakshapathi Voting Platform | lakshapathi.sirasatv.lk

- Architected and led development of the high-volume Voting Platform, utilizing a proprietary caching mechanism to handle 100,000+ concurrent requests with zero performance degradation.

Awakaza SAAS Platform | awakaza.com.au

- Led end-to-end architecture and development of the Awakaza SaaS Platform (4 services), designing a robust database architecture to support future scaling and achieving 99.9% uptime post-launch.
- Engineered and integrated multiple payment gateways and payment portals, establishing a secure commercial system that successfully processes initial transactions. Directed the cloud deployment strategy for the platform, ensuring high availability and seamless system interoperability across all services

More Projects

- Sri Lanka Hotel School Association (SLHGA) website and member portal with payment gateway | slhga.lk
- Harbour Village Material Management System

Over 50+ completed projects across multiple domains — detailed project portfolio available upon request.

Education

B.S. Hons in Software Engineering (Computer Science) | Kingston University | London | 2024

- Second Class upper division

National Diploma in Information Technology | Vocational Training Authority | Nuwara Eliya | 2021

GCE Advanced Level | N/ Gamini Central College | Nuwara Eliya | 2018

Certifications

- Future Career Bridge Bootcamp 02: 2022 | SLASSCOM (Sri Lanka Association for Software and Services Companies) | 2022
- 2020 – CISCO Introduction to Networking
- 2020 – CISCO Introduction to Cyber security

References

- References available upon request

I hereby declare that the information provided in this CV is true and accurate to the best of my knowledge and belief. I'm excited to bring my skills and expertise to your organization.

Digital Signature

