Harshadeva Priyankara Bandara

Senior Full-Stack Engineer | Colombo,Sri Lanka
Tel.: +94 717 275 539 | Email: hpbandara94@gmail.com
LinkedIn | GitHub | Stack Overflow

Professional Summary

Full Stack Developer with 7 years of experience building fast, scalable web applications using Laravel and modern frontend tools. Strong experience with Vite, Blade, Tailwind CSS, Alpine.js, and API integrations. Skilled in building responsive UI, integrating third-party APIs, and optimizing performance. Comfortable working across frontend and backend with a strong focus on clean code and user experience.

Core Skills

Backend
- Laravel (PHP)
- Livewire
- MySQL, PostgreSQL
- API design and integration

Frontend
- Vue.js, Vite, Blade (Laravel), Alpine.js Tailwind CSS
- Axios, REST API, InertiaJS
- Responsive UI design and reusable components

Other
- Performance optimization
- Debugging and troubleshooting
- Work in an Agile (Scrum/Kanban) environment
- System design and architecture

Professional Experience

Senior Software Engineer, Webmotech Pvt Ltd, Kesbewa, Sri Lanka
September 2022 – Present

- Developed responsive user interfaces using Vite, Blade, Tailwind CSS, and Alpine.js, building reusable components to improve UX
- Designed and developed scalable backend systems using Laravel, handling complex business logic and high-volume data processing
- Managed deployments on AWS and implemented CI/CD pipelines using Jenkins, ensuring performance, availability, and code quality with SonarQube
- Optimized database queries and system performance, reducing response time from 2 minutes to 2 seconds
- Led code reviews, promoted clean code and SOLID principles, and mentored team members while contributing to architectural decisions

Software Engineer, Sevensings Digital Solutions, Katubedda, Sri Lanka

September 2020 – September 2022

- Developed full stack web applications using Laravel, Vue.js, and MySQL
- Built and used REST APIs to connect the frontend and backend
- Created dynamic UI features and dashboards for a better user experience
- Integrated external APIs and handled real-time data updates
- Improved system performance by optimizing database queries

Software Engineer (Intern to Junior), Visiro Global, Sri Lanka (On-site)

Jul 2019 – Aug 2020

- Worked on Laravel-based applications with MySQL
- Built simple UI features and improved usability
- Learned how to design systems and structure APIs
- Helped with debugging and fixing issues
- Supported the team in planning and building new features

Selected Projects

CartDNA.com – Payment Integration Platform

Full Stack Developer | Laravel, Vue.js, Vite, MySQL, Redis, AWS

- Integrated 100+ payment gateways and third-party services using REST APIs, ensuring secure, reliable, and idempotent transactions
- Deployed and managed applications on AWS, optimizing performance and reducing infrastructure costs by 40%
- Set up and maintained CI/CD pipelines using Jenkins, and ensured code quality with SonarQube
- Optimized API performance and database queries through query refactoring and indexing, reducing response time from 2 minutes to 2 seconds
- Used Axios in Vue.js frontend for asynchronous API communication, integrating services such as Google Maps (location, routing) and payment gateways like Stripe, handling request/response cycles and error states.
- Built and optimized backend services in Laravel to handle high-volume payment processing, implementing validation, retries, idempotency, and duplicate transaction prevention
- Implemented webhook handling for payment status updates (success, failure, refunds), ensuring data consistency across systems
- Implemented search and monitoring solutions using Elasticsearch and Kibana for log analysis, debugging, and system observability

Sarvodaya ERP - Nationwide NGO Management System

Full Stack Developer & System Architect | PHP Laravel, Vue.js, Vite, Inertia.js, MySQL, Redis, AWS

- Designed a modular backend architecture that serves 4,000+ organizations across the country
- Implemented repository pattern, real-time reporting, multi-level access, and analytics dashboards
- Developed interactive dashboards and real time reporting features using Vue.js and Inertia.js, improving data visibility for operational decision making.
- Used SSE (server side events) to update the dashboard values in realtime
- Implemented Redis caching and optimized database queries for scalability.
- Led development team and conducted code reviews
- Worked closely with stakeholders to gather requirements and translate them into scalable technical solutions

Digital Election Planner – Political Campaign Management Platform

Full Stack Developer | PHP Laravel, Vue.js, MySQL, AWS

- Developed a full featured web app for election campaign planning, covering candidate, volunteer, event, and communication management.
- Built REST APIs, real-time dashboards, and role-based access control.
- Integrated Google Maps API for location tracking, route visualization, and field coordination features
- Implemented real time chat and updates using WebSockets, enabling instant communication between users
- Used Axios for frontend-backend communication and data synchronization
- Implemented push notifications using Firebase (FCM) for user alerts in the browser
- Integrated messaging and notifications via email/SMS.
- Set up and maintained CI/CD pipelines using Jenkins on AWS EC2

Tea And Soul - E-Commerce Store

Lead Full Stack Developer | PHP Laravel Livewire, Alpine.js, Tailwind CSS, PostgreSQL

- Designed system architecture and database schema.
- Built scalable frontend and backend with a modern Laravel stack.
- Managed a dev team, conducted code reviews, and contributed hands-on development

Professional Qualifications

BSc (Hons) in Computer Science
Bolton University, UK - Study World Lanka Campus (2017–2019)

Certifications

- **Getting Started with Go :** University of California, Irvine - Issued May 2025
  Credential ID: VII3RBJ2L1BO

- **AWS Cloud Practitioner** – In Progress