AMOS KING

Senior Software Engineer

Lagos, Nigeria

Agile Practitioner | Transport Industry | Microservices Architect | Developer

I design efficient backend systems, lead technical teams, and ship production-grade software that solves real problems. Strong in microservices, Agile delivery, and cross-functional collaboration. Currently building transport management systems at scale.

Kenya Freight | Senior Software Engineer | Dec. 2024 to Aug 2025 | Remote

Lead the development of a transport management system for freight operations across East Africa. Responsible for architecture decisions, code reviews, and mentoring junior developers. Coordinated with product and operations teams to translate business requirements into technical specifications.

Technical Skills

Languages: PHP, Python, Flutter, Dart, Bash, Java

Frameworks: Laravel, Flask, Flutter, Bootstrap, Tailwind, Celery, Redis, Pandas, Numpy, Jinja2, Jupyter, Gunicorn, Postman, RT, Sharepoint, Office, Microsoft Azure, Google Cloud

Databases: MySQL, PostgreSQL, SQLite, Firebase, Redis

Tools: Git, GitHub, GitLab, Docker, Linux, Nginx, Apache, Ubuntu, Kubernetes, Prometheus, Grafana, Jira, Confluence, Slack, Figma, Postman, Swagger/OpenAPI, Jenkins, GitHub Actions

Projects

Freight Management System

- Microservices architecture with Flask, Celery, and Redis for distributed processing
- Real-time shipment tracking and automated dispatch workflows
- Multi-tenant PostgreSQL schema with row-level security
- Deployed on Kubernetes with Prometheus and Grafana monitoring

Mobile Money

- Flutter app for Android, Web, and Linux
- Offline-first SQLite storage with sync on connectivity
- Integration with Firebase Auth and Firebase Cloud Messaging

Transport Management System

- Laravel 11 backend with MySQL, Redis queues, and Gunicorn
- Role-based access control for dispatchers, drivers, and fleet managers
- Deployed on Ubuntu with Nginx and Apache

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Jayashima Sahadeva

Lead Software Engineer, 10 years PHP, Laravel, MySQL, Linux, Docker, Kubernetes

Email: jayashima.sahadeva@gmail.com

Mobile: +94 76 123 4567 (Sri Lanka, GMT+5:30)

Location: Kandy, Central Province, Sri Lanka (Open to remote worldwide, prefer Asia-Pacific time zones)

GitHub: github.com/jayashima-dev

LinkedIn: linkedin.com/in/jayashima-sahadeva

Profile

- Lead Software Engineer with 10 years building production PHP applications for e-commerce and SaaS platforms. Specialist in Laravel, MySQL query optimization, and Docker-based deployments. Mentored 4 junior developers and led a team of 6 across three time zones.

Skills

- **Backend:** PHP 8.2, Laravel 10, Symfony 6, Composer, PHPUnit, Pest, Redis, Queues (Laravel Horizon), REST APIs, OpenAPI
- **Database:** MySQL 8, PostgreSQL 15, Eloquent ORM, Query Optimization, Indexing, Migrations, Seeders
- **Infrastructure:** Docker, Docker Compose, Kubernetes (k3s), Nginx, Linux (Ubuntu, Debian), Cloudflare, Hetzner Cloud, AWS (EC2, S3, RDS), Ansible, Terraform, GitHub Actions, GitLab CI, Prometheus, Grafana
- **Frontend:** Blade, Livewire, Alpine.js, Tailwind CSS, Vite, Vue 3 (basic)
- **Other:** Git, Conventional Commits, Trunk-based development, Code Review, Pair Programming, Technical Writing, Mentoring, Agile (Scrum, Kanban), Sri Lanka Time Zone (GMT+5:30)

Work Experience

Senior Backend Engineer — Nilwala Commerce Pvt. Ltd. (Remote, Kandy)

Jan 2024 – Present

- Reduced checkout latency from 2.4 s to 0.6 s by rewriting the inventory reservation service and adding Redis-backed locks.
- Migrated 3 monolithic Laravel 8 services to Laravel 10 with zero downtime using blue-green deployments on Docker Compose.
- Mentored 2 junior developers through code review and pair programming; both shipped their first production features within 6 weeks.
- Owned the payment webhook ingestion pipeline, processing 12 k events/day with idempotent handlers and dead-letter queues.
- Stack: PHP 8.2, Laravel 10, Horizon, Redis, MySQL 8, Docker, Nginx, GitHub Actions, Cloudflare, Hetzner Cloud.

Senior Backend Engineer — Kandy Logistics Pvt. Ltd. (Hybrid, Kandy)

Mar 2021 – Dec 2023

- Designed and shipped the multi-warehouse stock allocation service, now handling 4 k orders/day across 3 warehouses.
- Cut average API response time from 1.8 s to 0.4 s by adding Redis caching and rewriting N+1 Eloquent queries.
- Introduced PHPUnit + Pest test suites and GitHub Actions CI; raised coverage from 12 % to 68 % in 9 months.
- Stack: PHP 8.1, Laravel 9, MySQL 8, Redis, Docker, Nginx, GitLab CI, Prometheus, Grafana.

Junior Developer — Hill Country Tech Pvt. Ltd. (Kandy)

Jan 2019 – Feb 2021

- Built internal tooling for inventory reconciliation used by 40 warehouse staff.
- Wrote unit tests for legacy PHP 5.6 code before upgrading to PHP 7.4.
- Stack: PHP 5.6 / 7.4, Laravel 5.8, MySQL 5.7, Bash, Cron.

Education

B.Sc. (Hons) Computer Science — University of Peradeniya, Sri Lanka, 2018

Certifications

- Laravel Certified Developer, Level 2 — Laravel LLC, 2023
- Docker Certified Associate — Mirantis, 2024

Open Source

- Maintainer, laravel-redis-lock — a Redis-backed distributed lock for Laravel, 1.2 k GitHub stars.
- Contributor, Laravel Horizon — fixed a memory leak in long-running worker processes (merged, v5.21).

Interests

- Self-hosting: Hetzner Cloud, Cloudflare Tunnels, Nginx, Docker Compose, Prometheus + Grafana.
- Open-source maintenance and documentation.
- Cycling, photography, Sri Lanka wildlife.

Languages

Sinhala — native; Tamil — conversational; English — professional (IELTS 8.0).

References

Available on request.