

ARDEN BOUETOUMOUSSA

Full-Stack Software Engineer

Laravel | PHP | React | Livewire | Docker | GCP

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SCAN ME!



SUMMARY

I'm a Full-Stack Software Engineer specializing in Laravel and React, with strong proficiency in Docker and cloud-native deployments on GCP, and a solid understanding of modern UI/UX principles through component-driven development with Tailwind CSS. Experienced in architecting and evolving scalable SaaS and multi-tenant systems, with expertise in RESTful APIs, MySQL database design and optimization, system integrations, and workflow automation. Committed to clean architecture, maintainable codebases, and continuous improvement, delivering secure, high-performance, production-grade applications built for long-term scalability.

WORK EXPERIENCE

Lead Software Developer, Mova Mobility

Jun 2025 - Present

Responsible for the end-to-end technical development of Mova's digital mobility platforms, including the fleet management system (Mova Manager) and the event-based bus booking mobile application.

- Designed the overall system architecture for scalable web and mobile mobility platforms.
- Developed backend services and REST APIs using Laravel.
- Built the Mova Manager web application using React for fleet and operations management.
- Implemented real-time fleet visualization initially using Mapbox, then switched to Google Maps
- Developed role-based access control (RBAC) for operational teams and system administrators.
- Built and maintained the mobile application for event-based bus reservations.
- Published and managed the mobile applications on Google Play Store and Apple App Store, handling release pipelines and deployment processes.

Full Stack Developer, Fly Gasal Ltd •

Apr 2025 - Oct 2025

Travel & Booking Systems | Kenya (Contract)

Developed and maintained a robust flight booking engine with PKFare and Amadeus integration, featuring complete booking workflows, automated operations, multi-user authentication, and a responsive admin dashboard.

- Designed and implemented a full-flight booking engine covering search, availability, pricing, booking, and post-booking notifications.
- Built and maintained reusable PKFare and Amadeus API integrations with <1% downtime and reliable performance.
- Developed webhook listeners and cron jobs, automating booking operations and reducing manual work by 40%.
- Implemented multi-user authentication with role-based access for admins, agents, and users.
- Created a modern, responsive admin dashboard, improving monitoring and reducing issue response time by 30%.
- Streamlined workflows and improved system reliability, making the platform production-ready for high-volume use.

Founder & Lead Developer, Koverae Technologies Ltd

Jan 2024 - Feb 2025

Founder and full-stack developer building scalable SaaS solutions for hospitality and business management with product vision and team leadership

- Founded Koverae Technologies, leading a small team to build scalable software for hospitality and business management.
- Oversaw architecture, development (Laravel + React + React Native), deployment, and maintenance.
- Managed product strategy, roadmap, and team mentorship.

Web Developer Intern, Visibility242 (Internship)

SEPT 2023 - DEC 2023

Developed and maintained websites and web applications for clients, managing end-to-end delivery, performance, and platform reliability.

- Designed, developed, and deployed websites and web applications tailored to client business needs.
- Managed end-to-end project delivery, from requirements gathering to deployment and maintenance.
- Handled hosting, domain configuration, and server-side deployments.

EDUCATION

Bachelor of Computer Science

Aug 2024 - Sept 2028

Kenya Methodist University | Kenya

- Major in Computer Science.
- Gaining hands-on experience in software engineering principles, programming, and system design, while also exploring emerging technologies such as cloud computing, artificial intelligence, and cybersecurity.

ADDITIONAL INFORMATION

- **Technical Skills:**
 - **Frontend & UX/UI:** React, Livewire, Tailwind CSS, Responsive Design, Component-Driven Development, UX-Aware Interfaces
 - **Backend & APIs:** Laravel, PHP, RESTful API Design, MySQL Database Design & Optimization, Multi-Tenant Architecture, Workflow Automation
 - **Cloud & DevOps:** Docker, cPanel, CI/CD (Cloud Deployments, Containerized Applications, CI/CD Pipelines)
 - SaaS Platform Architecture, Maintainable & Modular Codebases, System Integrations, Performance Optimization, Open-Source Contributions
- **Languages:** English, French.