

Ravikanth Katkam

Technical Lead | PHP, Symfony & Laravel

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[linkedin.com/in/katkamravikanth](https://www.linkedin.com/in/katkamravikanth) | 16+ Years in Software Engineering

Professional Summary

I am a Technical Lead with 16+ years in PHP and software engineering, including roles in India and Southeast Asia. My recent work is mainly in Symfony and Laravel, across backend services and full-stack applications. At Allshore, I lead a six-person team maintaining and refactoring a legacy Symfony application. Alongside leading teams, I write and review code, work on APIs and database performance, and mentor developers. My experience includes healthcare software, e-commerce, streaming, and client projects, with responsibility for testing, coding standards, and CI/CD.

Core Competencies

Technical Leadership; PHP / Symfony / Laravel; Backend Architecture; REST APIs; Legacy System Modernization; Code Review; Testing & Quality; Database Performance; CI/CD; Developer Mentoring

Technology Stack

Languages / Backend: PHP, JavaScript

Frameworks / Frontend: Symfony, Laravel, CodeIgniter, React.js, Vue.js, Twig, HTML, CSS

Database: MySQL

Infrastructure / DevOps: Docker, AWS EC2, S3, SFTP, CI/CD

Testing: PHPUnit, Cypress, Codeception

Development Tools

AI-assisted development: Amazon Q, Claude, Kiro IDE, Ollama

Platforms: Linux, macOS, Windows

Professional Experience

Allshore Technologies Pvt. Ltd.

Aug 2024 – Present

Technical Lead

Hyderabad, India

I lead a six-person Symfony team working on a legacy monolith. My role combines technical decisions, implementation reviews, and support for the developers doing the work.

- Guide the refactoring of existing modules and review how proposed changes affect the rest of the application.
- Introduced a code-review process and set coding standards, automated testing expectations, and documentation practices for the team.
- Set up CI/CD pipelines and review API contracts, versioning, and compatibility with existing integrations.
- Work with Product Owners to clarify requirements and plan the work in Agile sprints.
- Review architecture changes, investigate application performance, and mentor developers through implementation and debugging.

- Use Amazon Q and Claude during code review, and create reusable AI instructions for recurring debugging, documentation, and implementation tasks.

NB HealthCare Technologies India Pvt. Ltd.

Apr 2023 – Jul 2024

Technical Lead

Hyderabad, India

I led a six-person team developing a Symfony-based, HIPAA-compliant healthcare SaaS application. The work covered APIs, automated tests, and the development process.

- Changed database queries and caching to address slow API responses.
- Introduced automated testing and reviewed code and architecture changes before release.
- Worked with the Product Owner and business stakeholders to turn healthcare and operational requirements into application changes.
- Investigated production incidents, traced their causes, and assessed the impact of fixes.
- Set development and code-review practices for the healthcare environment, and shared practical guidance on Symfony, API design, and testing.
- Conducted technical interviews and helped hire engineers for the team.

MilliPixels Interactive LLP

Nov 2021 – Apr 2023

Lead PHP

Punjab, India (Remote)

I managed a five-person agency team across 8+ client projects. I stayed involved in Laravel implementation, code reviews, and infrastructure work.

- Discussed requirements directly with clients and turned them into implementation plans and technical recommendations.
- Reviewed application structure and code across PHP, Perl, and frontend projects; made code review part of the regular development process.
- Organized delivery around each client's project, using Agile or waterfall processes as appropriate.
- Mentored 3 junior developers on Laravel implementation and testing.
- Made infrastructure changes that reduced server costs by ₹2 lakh per month.

BroadWeb Digital

Feb 2021 – Nov 2021

Senior Software Engineer

Melbourne, Australia (Remote)

This was a remote contract role on a practice-management application for acupuncture specialists.

- Developed appointment-scheduling features across the frontend and backend.
- Changed patient-data workflows and reporting features.
- Investigated slow database queries and changed them to address the performance issues.

iPrice Group Sdn. Bhd.

Mar 2020 – Dec 2020

Senior Software Engineer

Kuala Lumpur, Malaysia

I worked on the backend of a price-comparison platform serving seven Asian countries, using Laravel and MySQL.

- Maintained catalog-processing services handling millions of products each day.
- Built APIs for price-comparison data and synchronized product information from multiple e-commerce sites.
- Worked with data science and merchant integration teams on data ingestion and catalog updates.

- Investigated scraping failures and performance bottlenecks in the catalog pipelines.
- Added monitoring and alerts for backend services and contributed to weekly feature releases.

Earlier Career

LizardApps Malaysian Development Centre Sdn. Bhd.

Sep 2017 – Mar 2020

Senior Software Engineer

Kuala Lumpur, Malaysia

- Built React.js and Laravel applications across 10+ client projects, including e-commerce sites, booking systems, and internal business tools.
- Worked directly with clients on requirements and implementation details, and took on QA lead responsibilities for delivery quality.
- Mentored junior developers working with Laravel and React.js.

Select-TV Solutions Sdn. Bhd.

May 2015 – Sep 2017

Senior Software Engineer

Petaling Jaya, Malaysia

- Built a PC-hosted application and helped move it to a cloud-based streaming service with rental and purchase options.
- Designed the cloud migration approach and built synchronization across web, mobile, and TV applications, including mobile remote control of TV playback.
- Worked on video transcoding, CDN integration, and production defects; used behavior-driven and test-driven development for product features.

iCRM Sdn. Bhd.

Feb 2014 – Mar 2015

Senior Software Engineer

Kuala Lumpur, Malaysia

- Developed an alumni-networking application for universities and corporations, including profiles, messaging, and event coordination.
- Implemented search and connection recommendations, designed database structures, and documented application changes.

RedIndian Software Teknologies Pvt. Ltd.

Aug 2009 – May 2011

Senior PHP Developer

Hyderabad, India

- Developed PHP/MySQL applications for clients, from application and database design through server implementation.
- Built CRM and inventory-management features, data-migration tools, reporting dashboards, and reusable PHP libraries.

Lucid Creationz Pvt. Ltd.

Apr 2007 – Aug 2009

PHP Developer

Hyderabad, India

- Built PHP/MySQL websites and applications from client specifications through deployment.
- Created custom content-management systems and handled database design and server-side scripting.

Key Engineering Projects

MessageBook — Application & API Development

Symfony · PHP · REST APIs

I worked on application features and API modernization for MessageBook, a SaaS product for massage therapy businesses. It covers appointments, client management, and business reporting.

- Designed and implemented REST API endpoints in Symfony, with versioned contracts and integration documentation.
- Refactored business logic into separate modules and services so that responsibilities were clearer and the code could be tested independently.
- Coordinated validation, end-to-end testing, and production releases with the teams involved.

Cirrus (NISCRM) — CRM Application

Symfony · Vue.js · Twig · Docker · AWS EC2 · S3 · SFTP

I built backend and frontend functionality for Cirrus, a CRM application with agent workflows and file exchanges between the application and client systems.

- Implemented backend services in Symfony and frontend components using Vue.js and Twig.
- Containerized the application with Docker and deployed it on AWS EC2.
- Used S3 for file storage and SFTP for lead and agent data transfers between client systems and the CRM.

Roomie.my — Multi-device Streaming

Laravel · MySQL · React.js

I led development work on Roomie.my, a TV and movie streaming application, including its move from a PC-hosted application to a cloud service.

- Reworked backend services in Laravel and MySQL for the cloud deployment.
- Built React.js interfaces for the application and supported synchronized playback across web, mobile, and smart TVs.
- Developed streaming features that supported renting and purchasing video content.

ClickApporter — Cross-border E-commerce

Laravel · MySQL

I led a five-person team building a cross-border shopping application for customers in Morocco ordering from Amazon USA and France.

- Developed ordering and package-tracking functionality in Laravel and MySQL.
- Integrated a custom Chrome extension into the Amazon purchasing workflow.

MyBuddyCircle — Alumni Networking

PHP · MySQL

I developed MyBuddyCircle, a university alumni social-networking application.

- Designed relational data structures and implemented social features and responsive frontend pages.

MyCustomBands — E-commerce Customization

PHP · MySQL

I built MyCustomBands for WristBand Resources, an e-commerce application for customizing wristbands.

- Implemented the wristband designer and checked the interface across browsers.

Education

B.Sc. Computer Science

Telangana University, India

Graduated 2014

Courses & Training

- **Ultimate CSSLP Certification Mastery Course**
Udemy · Sep 2025
- **PHP & MySQL (Certification Course)**
Naresh i Technologies, Hyderabad · Jun 2009