



Jan Markmann

Tech Lead / Team Lead / Senior Software Engineer (PHP, Symfony, Cloud & DevOps)

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German, English

BACKGROUND

ABOUT

Experienced software engineer and tech lead specializing in PHP/Symfony and cloud-native DevOps platforms. Builds end-to-end engineering across architecture, delivery, and operations: maintainable codebases, automated tests, repeatable deployments, and stable production systems.

Combines deep hands-on expertise with leadership experience in cross-functional teams, both as a tech lead and in disciplinary people leadership. Focus on clear technical communication, pragmatic decisions, strong quality, and sustainable team processes.

Focus areas: PHP, Symfony, Kubernetes/Helm, CI/CD, Docker, Linux, Ansible, Caddy, and security and compliance-adjacent engineering topics.

WORK EXPERIENCE

Tech Lead; previously Team Lead IT/SysOps/DevOps; Senior Software Engineer & People Lead, [chargecloud GmbH](#)

Jul, 2022 - Present

Owned DevOps, IT, and SysOps with a focus on automation and information security. Led a team of up to 8 and coordinated external providers. Designed and operated container and Kubernetes platforms including CI/CD and infrastructure automation (GitLab, TeamCity, Ansible).

- Led a DevOps/IT/SysOps team (up to 8) with technical and disciplinary responsibility, including coaching and stakeholder management.

- Built and improved CI/CD with GitLab and TeamCity and standardized release and deployment processes.
- Established incident management and monitored SLA-relevant systems (availability, resources, alerting).
- Designed, migrated, and operated Docker stacks and Kubernetes/Helm setups and documented the target architecture.
- Co-owned information security topics, including policies and compliance-adjacent processes, and coordinated external providers.
- Tech: PHP, Symfony, Caddy, Docker, Helm, Kubernetes, GitLab, Renovate, TeamCity, MariaDB, Uptime Kuma, Ansible, Harbor, incl. Backstage, Linux

Senior Software Developer, [Digital Control GmbH & Co. KG](#)

Jan, 2021 - Jun, 2022 1 year 5 months

Worked on components in a Kubernetes-based microservice architecture. Focus areas: object storage (S3/MinIO), document generation, and observability.

- Implemented multi-tenant S3 storage provisioning, controlling Kubernetes cluster/MinIO from Symfony.
- Built a PDF document generator for product data sheets within an e-commerce microservice architecture.
- Built a Grafana setup using Graylog data and monitored reliability metrics.
- Tech: PHP7, Symfony, Docker, Google Cloud Run, Kubernetes, MinIO, Rancher, GitLab, InfluxDB, Grafana, Graylog

Software Developer, Consultant & Interim Head of IT, Selbstständig

Mar, 2020 - Jan, 2021 9 months

Interim head of IT and consultant focused on IT/DevOps tooling and processes, hiring support, and infrastructure consolidation. Took over and operated Shopware 6 hosting on AWS.

- Interim head of IT and support in recruiting (IT lead SysOps/Dev).
- Set up development and DevOps tooling for a junior Shopware team (Docker, GitLab CI, review apps).
- API work and integrations (REST/GraphQL) including MongoDB.
- Took over and operated Shopware 6 hosting on AWS (EC2).
- Consolidated and standardized local and external IT infrastructure.
- Tech: PHP7, Shopware, Symfony, AWS, Caddy, Docker, GitLab/GitHub, MongoDB, Linux

Senior Software Developer, [Graph-IT GmbH](#)

May, 2019 - Mar, 2020 10 months

Worked on an internal graph-based database system with a focus on data and process modeling. Also delivered industrial automation prototypes with Raspberry Pi and Python.

- Enhanced the internal graph database system (backend and domain model).
- Built and maintained APIs and integrations (GraphQL).
- Data and process modeling within the graph-based system; implemented process flows.
- Industrial automation prototyping with Raspberry Pi and Python (async) incl. fieldbus (Modbus/RS-485).
- Tech: GraphQL, PHP7, Python (async), Symfony, GitLab, Modbus/RS-485

Software Developer & Consultant, Freiberuflich

May, 2017 - Apr, 2019 1 year 11 months

Freelance work in agency and enterprise environments, including e-commerce and DevOps. Focus: Symfony/PHP, integrations, and service-oriented architectures.

- Set up DevOps tooling and improved CI/CD in project teams.
- Supported delivery and quality assurance in an enterprise client project team within an agency setup.

- Enhanced internal applications for sales and process control.
- Spryker development and customization.
- Built REST APIs to connect satellite projects, including data export to an ERP system.
- Tech: Doctrine, PHP7, PHPUnit, Spryker, Symfony 3.x, GitLab, MySQL, PostgreSQL, RabbitMQ, Redis, Propel

Team Lead Software Engineering, [preis24.de GmbH](#)

Oct, 2013 - Apr, 2017 3 years 6 months

Led software engineering: maintained a legacy platform and designed and built a new service-oriented sales platform. Introduced agile practices and strengthened QA, CI, and DevOps standards.

- Technical and disciplinary leadership of the software engineering team.
- Introduced and evolved agile practices (Kanban, Scrum).
- Maintained and improved a legacy platform with a focus on stability and delivery.
- Designed and built a new service-oriented sales platform.
- Tech: Doctrine, PHP5, PHPUnit, REST/SOAP, Symfony2, GitHub, Travis CI, MongoDB, MySQL5, Redis, Jira, Zend Framework

Software Developer, [Questback](#)

Jul, 2010 - Sep, 2013 3 years 2 months

Maintained and extended an enterprise feedback suite and developed new components. Also built a social media monitoring application.

- Developed new product components and modules.
- Built a social media monitoring application including API integrations.
- Implemented web services (JSON-RPC, SOAP) and integrations.
- Maintained and extended the Enterprise Feedback Suite.
- Tech: PHP5, Symfony Components, Hudson/Jenkins, Social Media APIs, MySQL5, Assetic, Zend Framework

Software Developer and Consultant, Freiberuflich

Oct, 2009 - Jul, 2010 8 months

Freelance project work as software developer and consultant focused on PHP/MySQL and symfony 1.3–1.4.

- Project work as software developer and consultant.
- Tech: Java, PHP5, symfony 1.3–1.4, MySQL, Eclipse/OSGI, ezComponents, Linux, Smarty, Typo3, UML

Senior Software Developer / Team Lead, [silversurfer7 GmbH](#)

Oct, 2008 - Oct, 2009 1 year

Senior engineering and team leadership in an agency environment, focusing on portal and platform development in cross-functional teams.

- Team and development lead in agency web projects.
- Built portals for the tourism industry.
- Built a product catalog for providers of security and surveillance technology.
- Tech: PHP5, Symfony, MySQL5, Internet-Booking-Engines, Propel, Zend Lucene Search

Software Developer, best webnews GmbH

Feb, 2008 - Oct, 2008 8 months

Worked on a news aggregation portal, enriching content with metadata (including geographic data) and delivering partner integrations.



- Built and enhanced a news portal for aggregation and presentation.
- Implemented metadata enrichment (notably geographic) and partner embedding.
- Tech: CakePHP, PHP5, MySQL5, AJAX, Drupal, jQuery, Netvibes UWA

PHP Programmer, Agentur Grintsch e.K.

Jan, 2006 - Jan, 2008 2 years 1 month

Software development for enterprise and mid-sized clients, including Epson Germany.

- Software development for enterprise and mid-sized clients, including Epson Germany.
- Built a printer leasing system.
- Built and maintained a product database.
- Tech: PHP5, Symfony, MySQL5, Propel, Zend Lucene Search

SKILLS

Leadership

Team leadership People management Team management Mentoring Team motivation

Software Architecture

Service-oriented Microservices Data modeling Process modeling Migration strategies DDD

Software Design

OOP Separation of concerns Clean Code S.O.L.I.D. Design patterns

PHP

PHP 3.0 - 8.5 composer PDO Propel FPDF/FPDI

Symfony

Bundles DI Container API Platform Event Dispatcher Twig Flex

DevOps

CI/CD GitLab CI Docker/Docker Compose Ansible Bash GNU Make TeamCity Hudson/Jenkins
Travis CI Harbor Renovate

Cloud

Kubernetes Helm Rancher AWS Google Cloud Digital Ocean Heroku Dokku K3s

IT Security

ISO 27001 ISMS Vulnerability Management Incident Response

Quality Assurance

Automated tests PHPUnit Continuous integration Test-driven design Static code analysis

APIs & Web Services

REST GraphQL OpenAPI/Swagger SOAP JSON-RPC

Relational Databases

MySQL MariaDB PostgreSQL

NoSQL

MongoDB Redis

Messaging

RabbitMQ MQTT (Mosquitto)

Monitoring & Observability

Grafana Sentry InfluxDB ELK Graylog

Git

GitHub GitLab Bitbucket

Web Servers

Caddy Apache Nginx Lighttpd

IDEs & Debugging

Visual Studio Code PHPStorm Eclipse XDebug Gitpod

Agile Methods

Scrum Kanban

Analysis

Object-oriented analysis Requirements analysis Reverse Engineering

Collaboration & Project Management

Jira Slack Wiki Confluence Asana monday.com miro

Operating Systems

Linux (Ubuntu) DOS Windows 95 to 7

Virtualization

LXC Virtualbox VMWare

Other Programming Languages

Java

C#

C / C++

HTML / CSS

Python

poetry

async

Other Version Control Systems

Mercurial

Subversion

CVS

Doctrine

ORM

ODM

EDUCATION

Business Informatics (no degree), Diploma, Fachhochschule Köln (Campus Gummersbach)

Dec, 2003 - Dec, 2005

Information Technology, State-certified IT Assistant, University of Applied Sciences entrance qualification, Berufskolleg Oberberg Ernährung-Sozialwesen-Technik Gummersbach

Dec, 2000 - Dec, 2003

INTERESTS

Mountain biking

Trails

Dirt

Slopestyle

Music

Piano

Harmonica

Blues

Boogie Woogie

Smart Home

OpenHAB

Homematic

Amazon Echo

ESP 8266

Baking