software engineer & architect

MICHAL WACHOWSKI

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Skills & expertise

Languages, DBMS & Tools

Kotlin / Python / PHP / JavaScript / Java **+** SQL / NoSQL / Messaging & queues **+** Git / CI/CD / Containerisation

Methodologies, ways of working

System design **-** Domain models / Bounded Contexts / Contracts / Communication / Performance / Product alignment / Security / Architecture **-** Microservices / Monoliths / Archipelago / Distributed / Event-Driven / Event-Sourcing / CQRS / Hexagonal / Layered / IoT / Workflows **-** Monorepo / Multirepo / Ensemble Programming / Branching / Trunk-Based / Mentoring **-** 1-on-1 / Workshops / Pair Programming **+** OOP / OOD / DDD / TDD / BDD

Employment

Cardino
Software engineer
/ SINCE DEC 2024

Foster a rapid and adaptive engineering culture focused on testability and fast delivery.
Implement Domain-Driven Design (DDD) practices to formalize business processes and transform into no-code, low-code, or full-code solutions.
Enable and educate engineers to enhance their skills and productivity.
Provide hands-on support and guidance in daily engineering tasks.

OLX Group
Acting staff engineer
/ MAR 2018 . SEP 2024

Co-drove transactional expansion across multiple markets, contributing to system design and domain models.
Lead role in cross-team initiatives to consolidate products and ecosystems over major markets.
Influenced engineering culture by promoting good practices and mentoring engineers.
Improved stability and performance with 2.2 million checkouts across multiple markets, P95 of ~200ms.
Increased delivery speed - highest DORA classification (High Performers - 2024), with 10+ deployments per day, change failure below 4% and lead time to change under 3 hours.
Simplified codebase, monitoring, and alerting with shared infrastructure components and tooling, promoting best practices for testing, observability, and security.
Shaped company-wide engineering and product decision-making processes.
Supported multiple teams in tackling challenges through enabling and hands-on participation.
Acted as a trusted partner for stakeholders outside of engineering, such as legal, product, and design.
Member of Architectural Committee, defining large scale, long term architectural evolution of OLX ecosystem.

Vimcar
Senior software engineer
/ OCT 2015 . JAN 2018

Co-designed distributed system for processing large event streams (IoT).
Key role in introducing domain modeling practices and leading shaping domain models.
Introduced code-derived living documentation.

Rocket Internet - Core
Senior software engineer
/ JUN 2014 . OCT 2015

Significant role in defining the architecture of modular platform for rapid venture development.
Influenced and improved team practices in delivering fully tested and robust solutions.
Lead role in developing multiple key modules intended for ease of localization and ease of development.

TNN Finance
Senior software engineer
/ JUL 2012 . MAY 2014

Improved engineering culture by introducing pair programming, promoting good practices, and mentorship.
Led introduction and development of event-sourcing concepts in transactional systems.
Had a key role in designing and later developing of close-to-realtime calculations engine.

Caritas Polska
Senior software engineer
/ JAN 2007 . DEC 2013
/ DEC 2011 . FEB 2012

Drove design of a country-wide systems for managing charity actions and warehousing.
Influenced shaping of analytical systems, and customization of reporting for decision-making processes.
Defined long-term vision for built systems and their evolution.

Education

Engineer's degree
WISZ

Type of studies: full time, engineering, majoring in system administration.

Technician's degree
ZSTiO

Received a technician's degree, specialization in electrotechnics, automatics, and industrial robotics.