

Job title	Full-Stack / Principal Engineer
First name surname	Mateusz Kimont
Portfolio	mkimont.github.io
Profile	10+ years of architecting systems and creating products. I built (before AI): • High-Volume Self-Service Integration (\$1M+) • High-Volume Payment Integration (£1M+) • A brand new insurance company site with an external customer portal • A bespoke CMS system for printing personalized products (built entirely solo) • Dozens of REST APIs and built complex platform features. • Dozens of custom themes and plugins in WordPress • Dozens of sites using different technologies and CMS platforms • Built a headless automated testing infrastructure (Ansible, Jenkins, Webdriver.io) and authored functional test scenarios for 16 complex JS insurance apps. • Implemented full-scale Google Analytics & GTM tracking across 16 apps, giving marketing teams deep visibility into e-commerce data and user journeys. And I: • Sped up countless websites and services • Tackled thousands of bugs • Migrated, modernized, and retired dozens of legacy systems I am a certified expert in Agile, Scrum, JavaScript, HTML, and CSS. Linux user since 2000. In my free time: • I am the DevOps and Fullstack Engineer for a £1M+ UK e-commerce business (10+ years, friend's company) • I act as DevOps for my own home servers, and read a lot • Wrangling my two kids • Quake (and FPP classics) enthusiast • Honda CBR enthusiast
Career Objective	Diverse projects Business planning and product development Full-stack development Problem-solving and bug hunter Architecture
Technical skills	<u>Backend Development</u> Languages & Runtimes: PHP 5/7/8 (OOP & Functional), Node.js Frameworks: Laravel, Symfony 5-7, Zend, Craft, Express.js, Wordpress, others Tools & Libraries: Composer, The PHP League, Phing Static Analysis & Linting: Psalm, PHPCS <u>Frontend Development</u> Core: HTML 4/5, CSS 1/2/3 Languages: JavaScript (Vanilla), TypeScript, Dart

CSS Ecosystem: Sass, Less, Bootstrap, Material, Tailwind
Frameworks & Libraries: React, Vue, Angular, Backbone, Ember, Handlebars, Underscore
React Ecosystem: Tanstack (Query), SWR
Build Tools: Vite, Webpack, Grunt, Gulp, NPM, Bower
APIs: Web APIs (e.g., History API)

Databases

SQL: MySQL, PostgreSQL, MSSQL
NoSQL: MongoDB, Cassandra, Firebase, Couchbase
Caching: Redis, Memcached

DevOps & Infrastructure

Cloud Platforms: AWS, GCP, DigitalOcean, Rackspace
Containerization: Docker, Kubernetes, Docker Compose
CI/CD & IaC: Jenkins, Ansible, LaunchDarkly
Web Servers: Nginx, Apache, OpenLiteSpeed
Monitoring & Logging: New Relic, Datadog, ELK Stack (Elasticsearch, Logstash, Kibana), Prometheus, Grafana, Typesense, Nagios, Rollbar
Performance & CDN: Cloudfront, Fastly, Load Balancing (e.g., Traefik)
Scripting & Automation: Bash, Makefile, Cron, Phar
Architecture Concepts: Sharding, CQRS

Quality Assurance & Testing

Backend: PHPUnit, PHPStan
Frontend: React Testing Library, Jest, Mocha
End-to-End (E2E): Cypress, Playwright, Webdriver.io, Selenium
Load Testing: BlazeMeter

Tools, Workflow & Methodologies

Version Control: Git, Mercurial (GitHub, Bitbucket, Gitlab, Codeberg)
Project Management: Jira, Confluence, Basecamp, Bugherd
Methodologies: Agile, Scrum, Kanban, Lean
Communication: Slack, Teams, Hipchat, others
Developer Tools: PHPStorm, BrowserStack, Litmus, LastPass, KeePass, others

Work experience

Dates	
07/2025 – current	
Occupation or position held	Senior React Engineer
Name of employer	Wine.com
Main activities and responsibilities	• Architected and developed a high-impact React self-service application for a major US e-commerce platform, projected to generate over \$1+ million in value by reducing manual overhead. • Engineered the seamless integration of the modern React application into a complex, large-scale legacy Backbone.js e-commerce system. • Pioneered a client-facing, self-service solution that empowers users and significantly decreases reliance on internal company support staff. • Overhauled the local Docker development environment by optimizing build configurations to drastically reduce local build times, alongside integrating advanced stack tracing and performance dashboards for rapid bottleneck resolution.
Dates	11/2024 – 06/2025
Occupation or position held	Senior PHP Engineer
Name of employer	CMO SUPERSTORES LTD

Main activities and responsibilities

- Orchestrated a full-stack performance overhaul of the company's primary e-commerce platform, leading initiatives that significantly enhanced site speed, scalability, and security.
 - **Boosted Site Performance:** Increased the load speed of production store sites by over 100% (2x faster) through strategic database query optimisation, RESTful API enhancements, and a complete redesign of the AWS architecture.
 - **Led Core Technology Modernisation:** Spearheaded the seamless transition of the entire codebase from PHP 7.3 to 8.3, improving performance and future-proofing the application stack.
 - **Enhanced System Security & Reliability:** Re-engineered the core payment processing wrapper to improve transactional integrity and strengthened overall application security by implementing new defence measures.
 - **Improved Codebase & Team Velocity:** Drove bug resolution, implemented new features, and established comprehensive documentation standards, leading to a more stable and maintainable system.
- **Bug Resolution**
- **Features implementation**

Dates

09/2020 – 04/2024

Occupation or position held

Lead application developer

Name of employer

Charlesworth Press

Main activities and responsibilities

Project: Developed a bespoke web system for customising notebooks, books, planners, mugs, and other products from scratch.

Technologies Used: Pen and paper, WooCommerce, Woo and WP templating, WP plugin, AWS (S3+Cloudfront), OpenLiteSpeed, server scripting, JavaScript, Canvas API, Google APIs (Drive, Photo, Gmail), HTML, CSS3, GhostScript

Results: 0.3s FCP | 0.8s LCP | 1.0 SI

Estimation value in first year: £250,000

More at <https://mkimont.github.io/projects/printing-cms>

Dates

09/2020 – 03/2021

Occupation or position held

Software analyst and developer

Name of employer

RLDatix

Main activities and responsibilities

- **Identification of Key Improvements:** Analysed and implemented short and long-term enhancements to significantly impact web developers' performance and company software efficiency.
 - **Performance:** Reduced site loading times, in many cases, from 4 seconds to 200ms
 - **Scrum Implementation:** Established a Scrum process in JIRA for all developers, streamlining project management and workflow.
 - **Version Control Review Process:** Introduced a comprehensive review process for the version control system, enhancing code quality and collaboration.
 - **Documentation Overhaul:** Wrote, rewrote, and updated all documentation, including creating data flow diagrams across different

languages, servers, and architectures.

- **Developer CLI Manual:** Created a “CLI man page” for each project in GIT, facilitating quicker issue resolution and access to documentation and automated scripts.
- **RESTful API Documentation:** Developed detailed API documentation with examples to support developer use and integration.
- **Bug Resolution:** Resolved numerous long standing bug tickets, including backporting two calendars (Angular and jQuery) to support Arabic language, despite limited knowledge of Agile methodologies and Arabic.

Dates
Occupation or position held
Name of employer

08/2016 – 07/2020
Senior web developer
The Insurance Emporium
theinsuranceemporium.co.uk

Main activities and
responsibilities

- **Lead Frontend Developer:** Headed the portal project for portal.theinsuranceemporium.co.uk.
- **SEO Lead:** Implemented Google Enhanced Ecommerce, GTM, and HotJar, achieving a 99% Google score.
- **WordPress Developer:** Managed security and deployments for 5 WordPress blogs.
- **Lead Tester:** Developed and maintained automated tests for quote applications, configured for desktop and mobile with detailed console error and screenshot reporting. Deployed headless testing servers.
- **Legacy System Maintenance:** Managed 10 main sites using PHP7 (Zend, Laravel, Symfony), Composer, HTML5, CSS3, Sass, Backbone, Ember, JavaScript, jQuery, testing APIs, functional testing, UI/UX, SEO, GTM, GA, Apache, Jenkins, Ansible, Docker, Linux, and Cloud VM.
- **Payment Gateway Updates:** Ensured compliance with 3D Secure requirements for a £45m turnover.
- **Lead Analyst:** Created comprehensive documentation for backend, frontend, and CMS; developed data workflow diagrams; produced API documentation; and established communication templates and sign-off processes.
- **DevOps & Deployment:** Created and maintained deployment builds and ran tests on each run, designed devops architecture, and established roadmaps for DevOps and frontend.
- **Quote Application Maintenance:** Managed Backbone/Marionette JS framework applications.
- **Bug Fixing:** Resolved PHP, CSS, HTML, and storage issues, including model validation, routing, form validation, controllers, MySQL security, CSP implementation, and vhost issues.
- **UX/UI Improvement:** Enhanced user experience and interface, ensured site responsiveness.
- **Additional Responsibilities:** Managed various other tasks to ensure smooth operation and high performance of web systems.

Dates

02/2016 – 07/2016

Occupation or position held	Senior web developer
Name of employer	WeAreMarvellous wearemarvellous.com
Main activities and responsibilities	• Website Development: Created pixel-perfect websites using WordPress, Magento, and other frameworks. • Collaboration: Worked closely with designers and clients • WordPress Customization: Developed themes and plugins • Tech Stack: Utilised Gulp, Browserify, Babylon, Babelify, SASS, Composer, Bower, Node.js, Bash scripting, PHP OO, Magento, Perch, Yetti, bespoke PHP frameworks, HTML, CSS, JS (Vanilla/jQuery), Photoshop, Illustrator, Sketch, Axure, SEO, Sublime, NetBeans, Navicat, LAMP/LNMP, Vagrant, Ansible, CLI, GIT, and Sass.
Dates	11/2015 – 02/2016
Occupation or position held	Senior web developer
Name of employer	Grapple ponderosa.agency
Main activities and responsibilities	• Pixel-Perfect Website Development: Created high-quality websites using WordPress. • Technical Stack: Utilized WordPress, raw PHP OO, HTML, CSS/SASS, Grunt, JavaScript, jQuery, Photoshop, Illustrator, SEO, Sublime, NetBeans, Navicat, MySQL, Plesk, Apache, and NGINX.
Dates	10/2014 – 11/2015
Occupation or position held	Mid web developer
Name of employer	Xanda xanda.net
Main activities and responsibilities	• Pixel-Perfect Website Development: Crafted high-quality websites using WordPress. • Technical Stack: Utilised Grunt, PHP OO, HTML, CSS, SASS, JavaScript, jQuery, Photoshop, Illustrator, SEO, Sublime, NetBeans, Navicat, MySQL, Plesk, Apache, and NGINX.
Dates	10/2009 – 11/2014
Occupation or position held	Non-web related jobs in UK
Name of employer	Various jobs
Main activities and responsibilities	Due to limited English skills and being young, I paused my web career to adapt to life in London.
Dates	10/2008 – 11/2009
Name of employer	University of Warmia & Mazury Promotion and advertising department uwm.edu.pl
Main activities and responsibilities	• DTP (Desktop Publishing): Created newspapers and flyers by designing layouts, covers, and typography; prepared text and photos for print. • Web Development: Worked as a front-end and back-end developer using PHP, MySQL, HTML, and JavaScript.

Dates	05/2008 - 11/2008
Occupation or position held	Mid web developer
Name of employer	Canal+ canalplus.com
Main activities and responsibilities	• Web Development: Expertly refactoring websites using a blend of CSS, HTML, and PHP classes to optimise performance and maintainability. • Pixel-Perfect Website Development: Crafting flawless HTML templates with meticulous attention to detail for pixel-perfect rendering across devices. • UX/UI Improvement: Elevating user experience and interface design through strategic implementation of JavaScript and AJAX techniques. • SEO: Seamlessly integrating SEO best practices to enhance online visibility and drive organic traffic growth.
Education	
Dates	01/09/2006- 25/06/2009
Faculty	Philosophy
Principal subjects	Ancient languages, History of philosophy
University	University of Warmia & Mazury Olsztyn (Poland)
Dates	25/09/2006 - 27/09/2007
Faculty	Art
Principal subjects	Photography, Sculpture, Visual structure, Drawing, Painting, Graphic design, Art history, Computer graphics
University	University of Warmia & Mazury Olsztyn (Poland)
Dates	25/09/2007 - 28/06/2008
Faculty	Computer Science
Principal subjects	Number Theory, Discrete Mathematics, Mathematical Analysis, Programming (C / C + +, C#), Operating Systems, Algorithms and Data Structures , Elements of logic and set theory, Social and legal aspects of computer science, Environmental symbolic calculation, Computer Networks.
University	Nicolas Copernicus University Torun (Poland)
Dates	01/09/2003 - 25/06/2006
Faculty	IT Technician
Principal subjects	Computer Networks, Operating Systems, Database and software design, Programming C++, Computer Science, Mathematics, Physics, Information management, Dissemination of Information, Access and process information from different sources, Information retrieval, Database design
School	Szkoła Policealna ZSZ (Post-secondary School) Lidzbark Warminski (Poland)
International classification	ISCED 4
Languages	
Polish (native), English (fluent), Spanish (fluent), Portuguese and French (basic)	
Personal skills and competences	
Other skills and competences	• Proficient in web design, holding a 72% Adobe Photoshop Expert Certification. • Possess valid driving licences for both motorbike and car (acquired after 30th).