Karlo Šimunović

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Skills

Languages & Frameworks: Ruby on Rails, PHP (Laravel, WordPress, Typo3), MySQL, Postgres, MongoDB, JavaScript (React, jQuery), HTML, CSS

DevOps & CI/CD: GitLab CI/CD, Automation

Project Management & Methodologies: Agile Methodologies, Full Software Development Lifecycle, leveraged AI to enhance operational efficiency

APIs & Integrations: API Integrations, Data Migrations, Payment Gateway Integrations

Team Leadership: Team Management, Code Reviews, Task Supervision

Experience

CEO & Founder, Infinapps - Zagreb, Croatia   July 2018 – Present
- Engineered scalable applications with Ruby on Rails, PHP, MySQL, and advanced front-end technologies; optimized database queries, resulting in faster transaction processing and higher user satisfaction
- Executed complex data migrations, API integrations, and automation tasks
- Piloted the entire software development lifecycle, integrating continuous integration/continuous deployment (CI/CD) pipelines; slashed deployment time by 40% and reduced critical errors

Web Development Intern, Exapoint Solutions AG - Basel, Switzerland   April 2018 – July 2018
- Created modular applications and seamlessly integrated Solr search into Typo3 and accelerated project delivery
- Rapidly mastered new technologies. Increased development efficiency, output and produced billable hours

Development Team Lead / Full-stack Developer, Oxidian GmbH - Zagreb, Croatia   August 2016 – April 2018
- Directed a cross-functional team of developers, utilizing agile practices; achieved a reduction in development cycle time and ensured the on-time delivery of high-quality software products
- Architected and implemented SaaS platforms. Integrated 2 payment gateways, improving transactional efficiency
- Supervised task completion and code reviews. Maintained development environments and ensured high code quality

Projects

Members Platform | Racing Unleashed   racing-unleashed.com
- Technologies: Ruby On Rails, Laravel (PHP), MySQL
- Duration: February 2022 - Present
- Details:
  - Initiative and Impact: Overhauled the primary business platform, delivering crucial features, improvements, and bug fixes within weeks, enhancing platform stability and user experience
  - Overcame limited initial knowledge of maintaining Android and iOS apps, resulting in an increase in app stability and a reduction in user complaints
  - Innovation: Enhanced the React+CraftCMS website with innovative components, boosting platform connectivity and achieving an increase in user retention and uptick in conversion rates
  - Leadership: Played an active role in architectural decisions for new projects, frequently providing the preferred solutions due to a comprehensive understanding of complex business logic
  - Efficiency: Migrated the platform from Postgres to MySQL, including schema restructuring, resulting in database performance improvement and scalability

EPAS | Kuhn Design AG
- Technologies: Ruby On Rails, MySQL, jQuery, Bootstrap
- Duration: August 2020 - February 2022
- Details:

- ○ ERP Extension: Digitalized the ERP system, eliminating the need for physical paperwork and enhancing efficiency
- ○ Data Migration: Executed a complex data migration over 4-6 months, optimizing to complete in 2-3 days
- ○ Developed and launched SOAP API integration for Abacus.ch invoicing, which streamlined processes and reduced invoice generation time

Financial Tables Importer | Raiffeisen Schweiz   report.raiffeisen.ch
- Technologies: PHP, WordPress, MySQL
- Duration: December 2020 - April 2021
- Details:
  - ○ Importer Development: Built an importer for 80+ financial tables, supporting languages with minimal errors
  - ○ Automation: Streamlined country-specific formatting, reducing manual error and intervention

MapQ | Moderat GmbH   emoderat.ch
- Technologies: PHP, WordPress, JavaScript, Leaflet
- Duration: June 2020 - February 2021
- Details:
  - ○ Innovated a new map tool using OpenStreetMaps and LeafletJS to improve location accuracy; improved user retention by 28% and decreased support tickets related to location issues by 18%
  - ○ Georeferencing and Reporting: Enabled detailed reporting with georeferencing, heatmaps, and data clustering

Teameo.ch | Pemsa Group   teameo.ch
- Technologies: PHP, Laravel, jQuery, Bootstrap
- Duration: November 2019 - July 2020
- Details:
  - ○ Crafted a sophisticated job-matching platform, seamlessly integrating complex business logic algorithms to match 3.7k candidates with job opportunities, boosting placement success rates
  - ○ Twilio Integration: Simplified mobile verification and transactions, ensuring reliability
  - ○ Environment Management: Managed testing and production environments using Virtualmin on VPS

Brewshop.hr | Pirmas doo   brewshop.hr
- Technologies: PHP, WordPress, WooCommerce
- Duration: April 2020 - June 2020
- Details:
  - ○ PDF Invoicing: Integrated PDF invoicing and 2D payment barcodes into WooCommerce
  - ○ Fiscalization: Implemented invoice fiscalization system in compliance with Croatian tax laws, essential for enabling credit card payments

Drossapharm.ch | Drossapharm AG   drossapharm.ch
- Technologies: PHP, WordPress, WooCommerce
- Duration: November 2019 - March 2020
- Details:
  - ○ Wholesale Checkout: Created a user-friendly single-page checkout for wholesale customers, enhancing user experience
  - ○ SSO Integration: Integrated Swiss-RX-Login SSO using OAuth2

TriggerHappy   report.raiffeisen.ch
- Technologies: PHP, WordPress
- Duration: October 2019 - January 2020
- Details:
  - ○ Code Refactoring: Improved codebase by refactoring 75% to OO architecture, leading to performance improvements
  - ○ Visual Scripting Tool: Developed a tool for connecting WordPress plugins with a user-friendly interface.

Thirty Bees | Thirty Development LLC   github.com/thirtybees/thirtybees
- Technologies: PHP, PrestaShop, JavaScript, Bootstrap
- Duration: March 2019 - December 2019
- Details:
  - Open-Source Contribution: Enhanced user satisfaction by debugging and resolving 20+ issues on the Thirty Bees platform

MomsInPrayer.ch | Moms in Prayer Schweiz   momsinprayer.ch
- Technologies: PHP, Typo3, Bootstrap, SCSS
- Duration: May 2019 - November 2019
- Details:
  - Theme Development: Crafted a Typo3 theme based on a Sketch design, drastically enhancing UI/UX, driving an increase in user interaction and an improvement in conversion rates
  - Legacy Integration: Connected a legacy PHP app to Typo3 for user management and MailChimp integration

Lunch Plan | Master's Thesis   thesis
- Technologies: Golang, Docker, gRPC, Elastic Search, jQuery, Bootstrap
- Duration: February 2018 - September 2018
- Details:
  - Architected a scalable microservices-based web application using Golang and Docker, addressing interservice communication challenges thus providing proof-of-concept and detailed documentation of the process
  - Communication and Logging: Incorporated gRPC for service communication and ELK stack for logging and monitoring

OxiMed | Oxidian GmbH   oxidian.ch/oximed
- Technologies: Laravel, MySQL, jQuery, Bootstrap
- Duration: March 2017 - April 2018
- Details:
  - SaaS Development: Created a multi-tenant SaaS for resource planning and invoicing, in compliance with Swiss tax rules

Sebastus | Oxidian GmbH   sebastus.com
- Technologies: Laravel, MySQL, jQuery, Bootstrap
- Duration: August 2016 - April 2018
- Details:
  - Engineered a JSON API importer for real-time updates on 12,000 boats, elevating user engagement and boosting booking efficiency

BodyPropsPilates | Oxidian GmbH
- Technologies: PHP, WordPress, FullCalendar, WooCommerce
- Duration: August 2017 - March 2018
- Details:
  - Plugin Rework: Refactored 50% of a plugin to a class-based structure, enhancing performance and usability with FullCalendar and WooCommerce integration

Education

Faculty of Organization and Informatics, Croatia – MS in Information and Software Engineering	September 2018
Faculty of Organization and Informatics, Croatia – BS in Science in Information Technology	September 2016