

# Igor Zarvanskyi

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## WORK EXPERIENCE

~17 years

### Zaelab

~5 years, Spain (Remote)

#### Software Architect | SAP Commerce Cloud, Java @ Swagelok

Dec 2023 to Present

- Doubled Ant build efficiency, resulting in CI pipeline execution time saving on 20%.
- Adopted a SAP Commerce patch framework, decreasing manual involvement into release process by 100%.
- Architected a combined Solr search experience with storing multiple index types in same index.
- Facilitated seamless migration to SAP Commerce Cloud 2211, resulting in 0 downtime release.
- Introduced technical documentation processes.
- Established ticket analysis, prioritization and assignment processes, reducing leadership team involvement to 0.

#### Software Architect/Dev. Manager | SAP Commerce, Java @ Trek Bicycles

Nov 2021 to Dec 2023

- Organized and directed a ~25-person team to achieve SAP Commerce project deliverables efficiently.
- Architected payment provider integration framework, reducing integration time per provider by 50%.
- Optimized B2B checkout process and cart model, enhancing page load speed by 80% for carts with extensive item list.
- Restructured B2C order fulfillment process to simplify and reduce duration of business process on 30%.
- Centralized pricing customizations within an OOTB service layer, reducing full price import time by 60%.
- Guided seamless migration from SAP Commerce Cloud 2011 to 2211, leading to 0 data loss.

#### Technical Lead | SAP Commerce, Java @ Trek Bicycles

Jul 2020 to Nov 2021

- Provided technical leadership and mentorship to a team of 9 SAP Commerce developers.
- Offered expert guidance and supervision to SAP Commerce developers across design, development, and implementation stages of features.
- Played a key role in project planning, daily meetings, code reviews, and deadline management, resulting in 95% adherence to project timelines.
- Established a robust CI/CD pipeline with SonarQube analysis, enhancing code quality and deployment processes.
- Pioneered the adoption of TDD methodology within the Java team, decreasing regression defects by 40%.
- Performed migration from SAP Hybris 6.6 to SAP Commerce 2011, ensuring a smooth transition with minimal downtime.

#### Senior Software Engineer | SAP Commerce, Java @ Trek Bicycles

Sep 2019 to Oct 2020

- Enhanced performance of PDP page load speed, achieving a significant reduction from 6 seconds to 50 milliseconds.
- Streamlined SAP Hybris startup time, optimizing it from 10 minutes to 4 minutes.
- Accelerated SAP Hybris Ant build time, reducing it from 5 minutes to 2 minutes.
- Optimized Solr product indexing process, resulting in a 70% speedup in Solr index time.

### Optaros by MRM//McCann

~1 year, Ukraine (Remote)

#### Technical Lead | SAP Hybris, Java @ Clarks

Jul 2018 to Jul 2019

- Led a team of 6 SAP Hybris developers, driving technical leadership to deliver a multi-country B2B solution.
- Created Jenkins CI/CD pipelines scripts with tests runs and static code analysis.
- Advised internal and external stakeholders on leveraging SAP Hybris solutions to align with business objectives.
- Played an integral role in shaping the architecture of the system, ensuring scalability and efficiency in line with business objectives.
- Executed the implementation of master data exchange between SAP Hybris and SAP ERP utilizing Datahub and RFC, resulting in 100% data accuracy.
- Engineered user segmentation for products and CMS components based on the personalization module.

## Everything5pounds.com

~3 years, Ukraine (On-Site)

### Technical Lead | SAP Hybris, Java

Jul 2016 to Jun 2018

- Built a proficient team of 6 SAP Hybris developers under direct supervision.
- Introduced TDD methodologies within the team.
- Initiated creation of CI/CD pipeline in Jenkins, reducing regression defects by 80%.
- Conducted thorough code reviews and peer assessments to uphold development standards and enhance team proficiency.
- Devised estimates and plans for the evolution roadmap of the product, aligning with strategic business objectives.
- Contributed significantly to the transition of the deployment system to Docker/Kubernetes, achieving 100% uptime.

### Software Engineer | SAP Hybris, Java

Mar 2015 to Jun 2016

- Successfully adopted session storage functionality in SAP Hybris platform.
- Conducted smooth migrations from SAP Hybris version 5.3 to 6.5, leading to releases with 0 downtime.
- Developed a robust Java product feed generation system for Google Merchant, Shopify, Jumia and others.
- Designed order and consignment processes, reducing overselling and order returns by 95%.
- Owned Java memory and performance tuning, optimizing system performance and enhancing user experience.

## JayaDigital

~2 years, Ukraine (On-Site)

### Software Engineer | PHP

Jan 2013 to Feb 2015

- Bug fixing and new features development on the Magento platform for multiple clients.
- Build from scratch money exchange website on Symfony2 framework with integration of payment platforms: WebMoney, YandexMoney, Qiwi, PerfectMoney, Bitcoin, Privat24, OkPay, and EgoPay.

## Freelance

~8 years, Ukraine (Remote)

### Software Engineer | PHP

Oct 2007 to Dec 2015

- Independently delivered more than 50 websites, handling both backend and frontend tasks using Drupal CMS with 100% customer satisfaction rate.

## EDUCATION

### • NTUU “Kyiv Polytechnic Institute”

Ukraine

- PhD Candidate in Mathematical Methods of System Analysis
- MS and BS degrees in Applied Mathematics

### • Dresden University of Technology

Germany

- European Summer School in Industrial Mathematics and Modelling

## CERTIFICATIONS

- Software Design and Architecture Specialization
- Reactive Architecture: Advanced
- Professional Scrum Product Owner I
- SAP Commerce Cloud 6.7 Developer
- SAP Hybris Commerce 6.2

## PET PROJECTS

- **Better Highlights** - Plugin for JetBrains IDEs to highlight code and comments, reference classes in comments and show cognitive complexity.
- **clutcher.github.io** - Technical blog mainly about SAP Commerce, contains a lot of source code to be reusable on different projects.
- **github.com/clutcher** - Github account with various things.