

Ivan Palianytsia

Pragmatic programmer

- In the recent years occupied with cloud native applications development;
- Having solid experience with Spring/Java technology stack, though devoted rather to fundamental aspects of software engineering, such as algorithms, data structures, OO design patterns and principles, than to a particular language or technology;
- Familiar with various subject areas (media, gaming, e-commerce, real estate) and needs of various software user groups (customers, operations, developers);
- Proficient in Agile software development methods.

Experience

SAP • Potsdam, Germany • 2016 - Present

Joined the Real Estate department of SAP in 2016 and since then working on [SAP Cloud for Real Estate](#): SaaS solution that addresses the main needs of corporate real estate managers.

Software Architect • Mar 2019 - Present

- Acting as a resident architect for one of the scrum teams in Real Estate department;
- Having major influence on the backend architecture of SAP Cloud for Real Estate: deciding on the cloud patterns to follow (e.g. feature toggles, circuit breaker) and technologies to use;
- Coaching juniors (and sometimes experts or managers) on architectural topics;
- Participating in recruitment activities for the entire Cloud Native Applications unit of SAP.

Senior Software Developer • Jan 2018 - Mar 2019

- Successfully migrated SAP Cloud for Real Estate from deprecated SAP Cloud Platform Neo application runtime to Cloud Foundry: it was one of the first SAP cloud applications to migrate.

Software Developer • Jan 2016 - Dec 2017

- Fought for engineering excellence through knowledge sharing sessions and code reviews;
- Responsible for the API design and supporting partners using that API;
- Worked on integration with other cloud applications, e.g. [SAP Real Spend](#);
- Supported DevOps: introduced pipelines, migrated existing Jenkins jobs to pipelines, implemented application monitoring.

Visual Meta GmbH • Berlin, Germany • 2013 - 2015

Joined Visual Meta while still in a startup phase in early 2013 as a **Software Developer** and contributed to overall team success in delivering online shopping portals worldwide under the brands LadenZeile, ShopAlike and UmSóLugar. In 2015, when the senior positions initially got introduced, was among first 3 developers to be promoted to a **Senior Software Developer** role.

- Lead development of data import, synchronization and export services;
- Lead development of Salesforce CRM integration with in-house back office application;
- Supervised team of 3, did code reviews and knowledge sharing sessions, mentored newcomers and conducted technical interviews;
- Focused on scalability, extensibility and performance: moved indexing jobs to Hadoop, decoupled API gateway from executors with message broker.

Playtech • Kyiv, Ukraine • 2012 – 2013

Joined Playtech, world's largest online gaming and sports betting software supplier, in 2012 as a **Java Developer**. Although initially assigned to work on slot machine games for mobile devices, shortly after (as a result of clean and maintainable code) was asked to join Mobile Core team to help them develop tools & libraries used by other teams in game development.

- Worked on UI components, event model, animation, asset management;
- Defined and implemented heap-based event propagation model;
- Decoupled event model for different environments (click vs touch) with Abstract Factory pattern;
- Applied algorithms from computational geometry.

Frmwrk • Kyiv, Ukraine • 2011 – 2012

Worked on various Drupal based web projects for multiple clients in the Netherlands.

Berlingske Media • Kyiv, Ukraine • 2010 – 2011

Joined Berlingske Media, Denmark's largest newspaper publishing group, in 2010 as a **PHP/Drupal Developer**. Maintained old and developed new modules for their multi-site Drupal installation, known to be one of the largest Drupal installations in the world.

Vertykal • Kyiv, Ukraine • 2009 – 2010

As a **Java/PHP Software Developer** worked on both of the company's major projects:

- SaaS CRM system for taxi companies: order tracking, optimal route & price calculation, staff payroll calculation, office-driver communication via mobile phone app;
- Internet service for ordering taxi online: integration with multiple taxi companies, history of orders, price calculation based on trip distance.

Education

National University of "Kyiv-Mohyla Academy" • Kyiv, Ukraine • 2005 - 2012

Master, Automated Systems Software • Sep 2009 - Jan 2012

Thesis: Automatic determination of web portal nodes importance.

- Implemented [basic information retrieval system for web resources with high quality content](#).
- Implemented several types of indexes, in particular zoned index with machine learning algorithms that automatically detect the importance score of each zone in document.
- Applied classical (term-based) and semantic-oriented methods for computing documents' weights required for ranking search results.

Bachelor, Computer Science • Sep 2005 - Jun 2009

Certification

- Architecture Curriculum • SAP • Jul 2020
- Conflict management • Thiel & Partner • Jan 2015
- Algorithms: Design and Analysis, Part 2 • Coursera • Jan 2013
- Algorithms: Design and Analysis, Part 1 • Coursera • Jul 2012
- Machine Learning • Coursera • Oct 2012

Languages

Ukrainian	Russian	English	German
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Interests

- Artificial intelligence, Cryptography
- Football, Martial arts, Chess
- Sci-Fi, Traveling, Literature