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📍 Potsdam

Ivan Palianytsia

Software Engineer

In the recent years mostly occupied with back-end development. Having solid experience with 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.

Developed software in various subject areas: media, gaming, e-commerce, real estate; for various audience: customers, internal staff, other developers.

Proficient in Agile software development methods.

// EXPERIENCE

Developer @ SAP Innovation Center

Jan'16 – Present | Potsdam

SAP Cloud for Real Estate - cloud solution that addresses the main needs of corporate real estate managers

- Responsible for RESTful API design, providing support to partners using that API, implemented Spring Web MVC code generator for Swagger
- Working closely with chief architect: made many architectural decisions (feature toggles, circuit breaker), selected back-end technology stack (Java 8, Spring, Swagger)
- Conducted technical interviews, improving team's overall engineering proficiency through knowledge sharing sessions and code reviews
- Supporting continuous integration: introduced Jenkins pipelines, migrated existing jobs to pipelines
- Implemented application monitoring with Icinga
- Working on integration with other cloud services

🔗 Java; Spring; HanaDB; Swagger; Groovy; Chef; Icinga; SAP Hana Cloud Integration;

Senior Backend Java Developer @ Visual Meta GmbH

Jan'15 – Dec'15 | Berlin

Backend Java Developer @ Visual Meta GmbH

Apr'13 – Dec'14 | Berlin

Online shopping portals worldwide under the brands LadenZeile, ShopAlike and UmSóLugar

- Lead development for data import, synchronization and export services, monitoring services and RESTful API
- Supervised team of 3, did code reviews and knowledge sharing sessions, mentored newcomers and conducted technical job interviews
- Focused on scalability, extensibility and performance: moved data services to Hadoop, decoupled API gateway from executors with message broker
- Facilitated code and experience reuse, strived for cleaner design with OO patterns

🔗 Java; Spring; MySQL; Hadoop; ActiveMQ; GWT; ElasticSearch; Grafana; JavaFX;

Java Developer @ Playtech

May'12 – Mar'13 | Kyiv

World's largest online gaming and sports betting software supplier

- As a member of Playtech Mobile Core team responsible for core game libraries (e.g. UI components, event model, animation, assets management) used by other teams to build actual games
- Defined and implemented heap-based event propagation model
- Decoupled event model for different environments (mouse click vs touch screen) with Abstract Factory pattern
- Applied computational geometric algorithms

🔗 Java; PlayN; GWT; JSNI; HTML5;

Senior Drupal Developer @ FRMWRK

Sep'11 - Apr'12 | Kyiv

Drupal based web projects for various clients in the Netherlands

🔗 PHP; MySQL; Drupal 7;

PHP/Drupal Developer @ Berlingske Media

Sep'10 – Sep'11 | Kyiv

Denmark's largest newspaper publishing group: news portals

- Developed new modules for Berlingske multi-site Drupal installation, known to be one of the largest Drupal installations in the world

🔗 PHP; MySQL; Drupal 6;

Java Developer @ Vertykal

Apr'09 - Sep'10 | Kyiv

SaaS CRM system for taxi companies: order tracking, optimal route & price calculation, staff payroll calculation, office-driver communication via mobile phone app

🔗 Java; MySQL; Hibernate; GWT; J2ME;

// EXPERIENCE

PHP Developer @ Vertykal

Dec'07 - Apr'09 | Kyiv

Internet service for ordering taxi online: integration with multiple taxi companies, history of orders, price calculation based on trip distance

 PHP; MySQL; JavaScript; Ajax; CSS; HTML;

// EDUCATION

National University of "Kyiv-Mohyla Academy"

Sep'09 - Jan'12 | Kyiv

Master, Automated Systems Software

 Thesis: **Automatic determination of web portal nodes importance.**

Basic information retrieval system for web resources with high quality content.

Implements several types of indexes, in particular zoned index with machine learning algorithms that automatically detect the importance score of each zone in document.

System uses classical (term-based) and semantic-oriented methods for computing documents' weights required for ranking search results.

Source available at <https://github.com/palanytsia/information-retrieval>.

National University of "Kyiv-Mohyla Academy"

Sep'05 - Jun'09 | Kyiv

Bachelor, Computer Science

// CERTIFICATIONS

Conflict management @ Thiel & Partner

Jan'15

Algorithms: Design and Analysis, Part 1 @ Coursera

Jul'12

Algorithms: Design and Analysis, Part 2 @ Coursera

Jan'13

Machine Learning @ Coursera

Oct'12

// SKILLS

Fundamentals: Algorithms, Data structures, OOP, Design patterns

Server side: Java, PHP, SQL, Hadoop, Spring, ORM, Tomcat, Apache

Client side: HTML, CSS, GWT, JavaFX, PlayN, Swing, XSLT

Client-server communication: REST, SOAP, XML, JSON, RPC

Continuous Integration: Jenkins, Gradle, Maven, Gitflow, Unit testing

// LANGUAGES

Ukrainian



Russian



English



German



// INTERESTS

Artificial intelligence, Cryptography

Football, Martial arts, Chess

Sci-Fi, Traveling, Literature