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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 and supporting partners using that API, implemented Srping Web MVC code generator for Swagger
- Worked closely with chief architect, decided on many architectural topics (e.g. feature toggles, circuit breaker) and back-end technologies (e.g. Java 8, Spring, Swagger)
- Conducted technical interviews, knowledge sharing sessions, code reviews
- Supported continuous integration: introduced Jenkins pipelines, migrated existing jobs to pipelines
- Implemented application monitoring with Icinga
- Worked on integration with other cloud services

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

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 event propagation model with priority queue.
- Decoupled event model for different environments (e.g. click vs touch) with Abstract Factory pattern.
- Computational geometry

☕ 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;

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;

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/palianytsia/information-retrieval.

National University of "Kyiv-Mohyla Academy"   **Sep'05 - Jun'09 | Kyiv**

Bachelor, Computer Science

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

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**

Ukrainian   Russian   English   German
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Artificial intelligence, Cryptography
Football, Martial arts, Chess
Sci-Fi, Traveling, Literature