

Summary of qualification

Languages	Java, Python, PHP
Databases	MySQL, MongoDB
Frameworks	Java: Hybris platform, Spring; Python: Django, DRF; PHP: Symfony2
Technologies	Tomcat, Apache Solr, AWS, Docker, Git

Education

- 2013–2015 **PhD Student**, *National Technical University of Ukraine “Kyiv Polytechnic Institute”*, Educational-scientific complex “Institute for applied system analysis”, Department of mathematical methods of system analysis, Diploma thesis: Analysis of numerical series using graphs visibility methods to predict heart disease.
- 2011–2013 **Masters of Applied mathematics**, *National Technical University of Ukraine “Kyiv Polytechnic Institute”*, Department of applied mathematics, Diploma thesis: Model of complex web-networks with second-order phase transition.
- 08.2012 **European Summer School in Industrial Mathematics and Modelling**, *Technische Universitat Dresden*.
- 2007–2011 **Bachelor of Applied mathematics**, *National Technical University of Ukraine “Kyiv Polytechnic Institute”*, Department of applied mathematics, Diploma thesis: Distributed expert-analytical system of POS sales and service.

Experience

Vocational

- 2015–Present **Java(Hybris) Developer/Team Lead**, SKYWIND, Kiev, (3 years).
- Started working in company as Java Developer on big e-commerce project made on Hybris platform, in 2 years was promoted to Team Lead.
- Everything5pounds
Description: Apparel selling e-commerce web site with up to 40k simultaneous users and 3 mil pounds revenue per month.
Technology stack: java, mysql, hybris, spring, jsp, angular.
Responsibilities:
 - As Developer: implemented session storing in Hybris, implemented system for product feed generating for different consumers, implemented integration with commerce hub, bronto, paypal, safecharge. Provided migrations from Hybris 5.3 up to Hybris 6.5. Configured solr search servers. Remade hybris default order/consignment processes. Developed API for Whitelabel integration. Implemented social login. Improved Backoffice commerce search widgets.
 - As Team Lead: introduced TDD approach inside team. Established CI and CI monitoring tools including Sonar scanner checks. Performed unit testing and peer review for development team. Developed tool for measuring developers and team productivity. Contributed to design systems architecture, execute business logic and support functions. Made valuable contribution in switching deployment system to Docker.

2013–2015 **PHP Developer**, JAYADIGITAL, Kiev, (1 year 2 months).

Bug fixing and full support of existing systems based on Magento (www.chytayka.com.ua, ukrtaco.com etc). Also was developed few big projects on symfony2. The most interesting, developed from scratch, project was CryptoCash:

- CryptoCash

Description: Web App for electronic money exchange.

Technology stack: php, mysql, symfony2, composer, twig.

Responsibilities: developed multi-module system for electronic money exchange. Implemented integrations with WebMoney, YandexMoney, Qiwi, PerfectMoney, Blockchain(Bitcoin), Privat24, OkPay, EgoPay. Designed and developed exchange process workflow. Designed and implemented server infrastructure on AWS.

2007–2014 **Web Developer**, FREELANCE, Kiev, (7 years).

Description: Developed more than 50 dynamic web sites in different areas: e-commerce, social networks, corporate sites etc.

Technology stack: php, mysql, Drupal 6/7, jquery.

Responsibilities: full app development.

Miscellaneous

2007–2014 **System Administrator**, Vogt Medical Vertrieb GMBH, Kiev, (7 years).

Provide Windows/Linux administration, network operating center administration, LAN/WAN/VPN administration, intrusion detection and prevention monitoring. Also manage FTP servers, AD/DNS, wireless access points and load balancers. Design and implement highly available and disaster recovery solutions.

Pet projects

2016–Present **Metrics**, (2 years).

Description: web application for measuring developers productivity, calculate estimations, make prediction about release dates, combine release notes, CI monitor.

Technology stack: python3, django, python-jira, python-bitbucket.

Responsibilities: app full development.

2015–2017 **Keymaster**, (2 years).

Description: web application for route planning and managing markers on map.

Technology stack: python3, postgresql, django, DRF, leaflet.js, angular.

Responsibilities: app full development.

2012–2015 **KPS**, (2 years 6 months).

Description: Set of script for analyzing cardiogram and make disease prediction.

Technology stack: python2, networkx, matplotlib

Responsibilities: app full development, using cprofile to profile and increase speed of app, process data in pickle, xls, txt, math background.

Languages

Russian **Native**

Ukraine **Native**

English **Intermediate**

Romanian **Elementary**