Ostap Kryvytskyy

Lead/Senior Software Engineering Architect
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Executive Summary

I am Lead/Senior Software Engineering Architect with commercial experience in various software technologies, including SAP Commerce, including SAP Hybris, Kubernetes, Docker, Microservice Architecture, backend J2EE, Spring, Hibernate, etc. and frontend skills. Professional in the area of telecommunications with expertise in network engineering and customer support.Have experience in designing and building highly scalable distributed solutions based on microservice architecture. I have deep knowledge and extensive practical experience in cloud K8S, Helm, Docker, Spring Framework, Hibernate, SQLand NoSQL databases. During my software practice solutions were built with focus on security and reliability.Work experience with data mesh and machine learning algorithms. I have been interested in genetics, in NLP area used variously.Also, interested in parallel computing, streaming data pipelines, high-load enterprise systems and solution architecture. While working with microservice architecture I faced with Python and Go and adapted the software according to the business end needs.Experienced in development on various programming paradigms and can adapt to any depending on the business needs. Additionally, I have hands-on experience in frontend development using Angular and React.js and other various frontend technologies. I have strong background in the Computerized Systems and Computer Science area from the Lviv Polytechnic National University of Ukraine.During the engineering, I try to get the most of the software, OOP, follow SOLID principles, use design patterns and come up with flexible and change-ready solutions.Combined with my hard skills, I have a set of soft skills that help me to build strong bonds with team. The most significant are: problem-solving, creative thinking, communication, time management, leadership, risk management, resistance and persistence. Recently I have been focused on health and work safety, including software security and reliability. Approved English level: B2

Professional Experience

Company: NDA protected name, Lviv, Ukraine

Duration: June 2024 – current time (7 months and ongoing)

Role: Senior Software Engineering Architect

Project Description: The project is intended to build NDA protected infrastructure. NDA protects the general description of the project and details of it's realization.

Responsibilities: The project is considered highly confidential and classified, so I can't share my responsibilities either, because of NDA protection.

Technologies: Protected by signed active NDA.

Company: GlobalLogic Ukraine, Lviv, Ukraine

Duration: Jan 2024 - May 2024 (5 months)

Role: Lead/Senior Software Engineer

Project Description: The project is intended to build Generative AI solution. My team was responsible for planning and building a Software gateway for AI microservices in the cloud with focus on Security, reliability and scaling. During my work on the project I delivered and implemented versioning solution amongst others issues solved with the focus on Cloud Application reliability. I delivered a software with a team and presented it at the demo for the other colleague's teams. Among deliveries I conducted support and extensible documentation for the software to be easily picked up by the colleagues based on the business request.

Responsibilities: Cloud Software Gateway planning, building and integration with versioning support and modern security integration and scaling solution, plugins building and integration, participating in DevOps activities and support. From time to time I have performed the tasks of Team Leader of a Team of 5 people.

Technologies: Azure Kubernetes, Docker images, Apache APISIX with plugins integration, Java EE 21 and Lua, SonarCloud.io, GitHub, backstage.io, Keycloak with oauth 3.0 plugins, multiple supportive scripting languages and tools like Lens, Rancher, K9s, Grafana, Elastic Cloud for logs monitoring, etcd, considered in between reliable loadbalancing cloud solutions, Helm, ingress controller setup

Company: Globallogic Ukraine, Lviv, Ukraine

Duration: Sep 2021 - Dec 2023 (over 2 years)

Role: Lead/Senior Software Engineer

Project Description: Cloud based solution for telecommunication providers (and banking operator) based on cloud and microservice architecture. From time to time, I performed the tasks of Team Leader of a Team of 12 people.

Responsibilities: Cloud Solutions Software Engineering, Software Security Engineering

Technologies: Kubernetes, Helm, Spinnaker, Jenkins, QA automation (Python based), GoLang and Java EE

Company: ETIYA, Lviv, Ukraine

Duration: May 2020 - Aug 2021 (over 1 year)

Role: Software Engineering Team Leader

Project Description: Business Support Solution for major Canada's telecommunication operator

Responsibilities: Software Engineering, customer support and team care

Technologies: The most cutting edge Java and Angular technology stack

Company: PASS IT-Consulting Corporation, Lviv, Ukraine

Duration: Jul 2019 - Apr 2020 (10 months) **Role:** Wide range Software Engineer

Project Description: Travel integration solutions of a widely known Europe's airline operators (implementation of new standard). Also I participated in a tender of new startup life-saving application product during COVID-19 pandemic.

Responsibilities: Lead Software Engineering role - tasks ranged from design to implementation

Technologies: XML, Java EE

Company: EPAM, Inc and partners, Lviv, Ukraine

Duration: Sep 2015 - Jun 2019 (almost 4 years)

Role: SAP Hybris Engineering

Project Description: Hybris E-Commerce Platform Integration Services and development solutions, B2C solution for online fashion global retailer, beauty care distributor globally, global floor producer and it's online sales and global construction equipment supplier's (B2B).

Responsibilities: Software Engineering and customer support, managing customer communication, coordinated developers` team work, conduct deliveries, facilitate communication between backend and customer's teams, designed an integration layer between backend sales solution and well-known trusted payment providers, automation testing implementation **Technologies:** Java EE, Jenkins CI, MySQL, Apache Ant, Gradle, JUnit

Company: Globallogic Ukraine, Lviv, Ukraine

Duration: Mar 2015 - Aug 2015 (6 months)

Role: Java Software Engineer

Project Description: Smart interactive white board which shares information to mobile and web via WiFi, Bluetooth and TCP-IP technologies for major Canada based studying equipment supplier globally

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Responsibilities: Java and various backend and frontend software solutions engineering, including:

- Designed and implemented Google Analytics monitoring
- Designed and implemented AWS Cloud monitoring via CloudWatch and Librato
- Designed and implemented JSON direct performance metrics via Librato
- Designed and implemented backend performance metrics
- Performance and automation testing implementation
- Done unit tests for backend and front-end
- Developed JavaScript front-end
- Implemented multi language support
- Communicated with customers with intensive business analytic activities
- Conducted business trips on-site

Technologies: AWS Elastic Cloud, AWS DynamoDB, AWS CloudWatch, Librato, Apache Maven, Apache Ant, Apache Tomcat, Java 6 EE, Android SDK, Java Bluetooth Stack, Eclipse EE, I18N for Java Maven tools, REST UI, JSP, NodeJS, Javascript, Karma, PhantomJS, I18N

Company: ZERT, Lviv, Ukraine

Duration: Mar 2012 - Feb 2014 (almost 2 years)

Role: Senior Java and Android Engineer

Project Description: Enterprise Content Management System: the system, which manages manuals and reading articles using it's own strategy. Customers can edit and translate advanced books easily. Furthermore, reading is being converted to various formats including PDF and HTML.

Enterprise Risk Management System is a web based program, which collects your risk management in one and the same place. Its an nice user friendly web system for managing risks on multiple production facilities. Customers have their accounts and submit suspicious activities from various devices.

Responsibilities: Java SE/EE Software Developer and Android Engineer

- Communicated with customer about performance analytics and optimization, as a result uplifted major JBoss EE version from 6 to 8
- Designed and implemented on the fly SCM move from SVN to git
- Developed Imaging IO
- Optimized BLOBs implementation
- Developed multi language support
- Developed SWING and Android based front-end
- Developed Backend EJB
- Performance and automation testing implementation

Technologies: JBoss 8 WildFly, JBoss 7, JBoss 6, TortoiseSVN, git, JMagick, Imagemagic, MySQL, MS SQL Server

Company: SoftServe Inc., Lviv, Ukraine

Duration: Aug 2009 - Jul 2012 (almost 3 years)

Role: Java SE/EE Engineering

Project Description: Enterprise Lifecycle Management Application Integration, which involved modeling and implementation of the integration agent for enterprise SCM (from scratch), runtime synchronizer between two issue tracking systems and Eclipse IDE Plugin for SCM system

Responsibilities: • Communicated with customer directly
- Designed and developed SWT (Eclipse) new wizardflow
- Optimized business logic
- Performance and automation testing implementation

Technologies: Proprietary enterprise SCM, Eclipse SWT, Apache Maven, Apache Ant

Education

Institution: LPU (Lviv Polytechnic University), Ukraine

Dates Attended: September 2002 - May 2008

Qualification(s): Master of Science

Major Subject(s): Computerized Systems and Automatics

Certifications

Certification Authority	Certification Name
ORACLE	Oracle Certified Professional Java SE 6 Programmer

Foreign Language Skills

Language	Written	Spoken
English	Advanced	Advanced
Ukrainian	Expert	Expert

Technical Skills

Skill	Skill Sub Category
Java EE	Java EE
Security	SIEM (Security Information and Event Management)
Cloud Applications	Cloud Applications

Skill	Skill Sub Category
SAP Hybris / SAP Commerce	BaseCommerce, WebServices
Cloud Migration	Google Cloud Migration
Cloud Systems	Salesforce
Code Review	Code Review, Crucible
Advance Analytics	Advance Analytics
Agile Practices	Scrum, Disciplined Agile Delivery, Extreme Programming, Kan Ban, Large Scale Scrum