

Maksym Shemet

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A software engineer with 10 years of commercial experience in software development. Proficient in Python, Java SE/EE, C# Core, and Unity (game engine). Good understanding of OOP and development principles. Experienced in Agile Methodologies and Waterfall. Worked with various projects reaching from web-based platforms and RESTful web services based on microservice architecture to desktop applications and mobile games.

website
email
github
linkedin
skype

Skills

Java Spring Framework Hibernate JDBC Maven Gradle Python Airflow FastAPI C# Core
Docker Kafka MySQL HTML5 CSS3 JavaScript Kubernetes Terraform Jenkins CircleCi
Git Google Cloud Google Storage MongoDB GKE GCE Cloud Run AWS Cloud AWS Lamda
AWS S3 AWS ECR TDD Agile Jira Azure Pipelins

Expiriance

N-iX

Lead Software Engineer

The company is a prominent provider of communication solutions tailored for motorcycle enthusiasts. With a focus on Bluetooth technology, the company designs and manufactures advanced communication devices that enable motorcyclists to stay connected wirelessly. Their products boast features like intercom systems for group communication, smartphone integration for music and phone calls, voice command functionality, and robust, weather-resistant designs suitable for diverse riding conditions.

- Analysed requirements
- Designed technical solution
- Written project documentation
- Configured AWS Cloud
- Created CI/CD pipelines
- Implemented RESTful services

Python 3 FastAPI Chalice AWS Lambda AWS S3 AWS ECR AWS CloudWatch AWS Gateway
MongoDB Azure Pipelines Azure Artifacts Docker Git

Aug 2022 - till now

N-iX

Senior Software Engineer

An artificial Intelligence business provides advanced crop analytics to its customers by using proprietary Machine Learning algorithms applied to remote sensing captured imagery. It allows customers: to increase their yields, optimize chemical inputs, farm more sustainably and make earlier, more informed decisions.

- Implemented airflow workflows
- Created orthomosaic images from raw datasets (Pix4D)
- Integrated with 3rd party systems
- Developed terraform modules
- Described technical implementations
- Supported legacy code

Python 3 Airflow FastAPI Kubernetes Terraform Google Storage GKE GCE Cloud Run
Packer Jenkins CircleCi Github Actions Github PIX4Dmapper OpenDroneMap

Sep 2019 - Jul 2022

Epam Systems

Senior Software Engineer

A product tester portal that is used to manage testing processes by collecting test results based on the country, mechanical tests of the material, feedback during the operation of products. The project has micro-service architecture and the goal is to evaluate the quality of products at all stages of development.

- Implemented RESTful services
- Improved performance
- Analysed requirements
- Groomed and estimated user stories
- Described technical implementations
- Managed and mentored developers

Java 8 Spring Cloud Liquibase Spring Data Spring Boot Apache Solr Maven Docker Git
Kafka Docker Kubernetes Checkstyle Sonar Instana Kibana Oracle DB

Mar 2018 - Sep 2019

Epam Systems

Senior Software Engineer

Web services that calculate a cost estimation for apparel and footwear during the design phase. The project has a micro-service architecture and the goal is to decrease production costs by letting designers see the predicted prices for the product.

- Implemented RESTful services
- Improved performance
- Analysed requirements
- Groomed and estimated user stories
- Deployed to dev and sit environment
- Analyzed and documented defects

Java 8 Spring Cloud Spring Boot Spring Data Spring Security Maven Docker Git Oracle DB
LiquidBase Elastic Search Zookeeper

Jul 2017 - Mar 2018

N-iX

Software Engineer

A web portal provides people diagnosed with cancer access to their molecular profiling test results from certified diagnostic labs. And it provides access to related information, clinical trials, physicians and allows contacting other patients.

- Implemented RESTful services
- Integrated with 3rd party systems
- Analysed requirements
- Groomed and estimated user stories

Java 8 Spring Boot Spring Data Maven LiquidBase Git PosgreSQL Jenkins

Jan 2017 - Jun 2017

N-iX

Software Engineer

CRM/ERP software for medium-sized businesses in many areas: bus company, chicken factories, real estate, food marketing. It consists of several desktop applications built via C# and Java server, created with a TDD approach.

- Developed new features
- Supported legacy code

TDD Java 8 Hibernate Maven Gradle C# WinForms MySQL Git

Nov 2015 - Jan 2017

ISD

Junior Software Engineer

Medical software used by clinics and laboratories consists of several desktop applications and web servers. This desktop application is developed using C# and WinForms. And web services are designed via Java 6 and SOAP.

- Integrated with internal systems
- Supported legacy code

Java 6

JAX-WS

JBOSS

Hibernate

Ant

C#

WinForms

WCF

SVN

Oracle DB

Nov 2014 - Oct 2015

ISD

Junior Software Engineer

Internal management tools are used by managers and they provide helpful information about team tasks, like: status, assigned to, description, etc. It consists of a desktop application, an MS Outlook add-in and a web server.

- Implement WCF endpoints
- Developed MS Outlook add-in

C#

DevExpress

WinForms

WCF

Entity Framework

Oracle DB

SVN

Nov 2014 - Oct 2015

Epam Systems

Junior Software Engineer

It is a service-oriented software that manages events like health-care conferences based on RESTful web services and the Dropwizard framework. RAML Schemas were used to describe RESTful APIs.

- Developed RESTful services
- Developed JUnit tests

Java 7

Maven

Dropwizard

Jetty

Couchbase

RAML

Git

May 2014 - Oct 2014