

Artjoms Nemiro

I'm a tech lead in software engineering, agile-driven, enjoying keeping the structure and coordinating engineering teams according to business needs. Keen interest in architecture, microservices, APIs, aggregators, and computer graphics.

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EXPERIENCE

Coop, Norway, Oslo — Senior software engineer

2021 - Present

Key achievement

- Negotiated and reasoned a price reduction (around 20–30%) for API and Services implementation from Coop partners.

Responsibilities:

- Curating architecture for a project related to the shopping experience in-store.
- Coaching team members for professional growth by making workshops (small educational games) with Go and C# Dotnet.

Diaverum, Sweden, Malmö — C# Lead Back End Consultant with contract

2020 - 2021

Contract assignment in a medical company where the patient receives kidney treatments.

As a consultant, my main focus is to design and lead the implementation of a microservice to predict the hospitalization and death of patients. The secondary goal is to share knowledge with company employees about code design and architecture related to C# and .Net core.

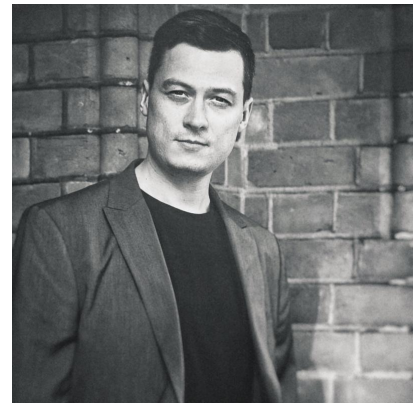
Working with a team of 3 people and coaching other teams inside the company by 20 persons by creating presentations and small workshops.

Alfa Laval, Sweden, Lund — C# Back End Consultant with contract

2019- 2020

- During the project worked with the agile team and participated in the architecting and development processes to create a new microservice-oriented solution. To solve issues with maintainability and scalability of the old monolithic B2B system.

- As a back-end programmer contributed to the microservices responsible for generating different documents depending on the order configuration. I made an enormous contribution to the system to render SVGs blueprints and documents of the heat exchanger for factories and maintenance departments. A related article was published in the Medium publishing platform about the real-time conversion of colors for NCS to RGB.



SKILLS & TOOLS

Programming -

Major: C#, Go, C++
Minor: PHP, Python

Database:

SQL: Oracle, MySQL, Firebird
NoSQL: Google Firebase, MongoDB

DevOps: GitlabCi, TravisCI, Docker, Vagrant, Nginx, Apache, Terraform, GCP, Azure

Frameworks and tools:

C#: .Net Core 3-4, .Net framework, Azure functions, xUnit

Go: Nuklear bindings, Gorilla

Game engines: Unreal Engine

Banking: Tieto RTPS, MPC, CMS

Management: Jira, Stash, Bitbucket, Git, Github, Gitlab, Confluence, Phabricator

Hobby: Kendo, skiing, hiking, game dev with Unreal Engine & C++ with terminal games or graphics programming.

Tretton37, Sweden, Lund — Software Engineer

2019- 2021

One of the "Ninjas" in the consultant company with a focus to solve the problems of the clients and explain to them sometimes solutions can be delivered with zero code line.

Originally was hired as a Golang(Go) programmer but worked with clients of different tech stacks, C#, Go, Python, etc.

Between assignments constantly contributing to our community, sharing knowledge, proposing ideas, or internal workshops.

Boozt, Sweden, Malmö — Back End Developer

2018- 2019

- Resolved issues with cell phone routing between customer and customer service by implementing improved event handling. Communication via Websocket and HTTP APIs between services and systems as Twilio API, internal electron thin phone client, and internal customer service system.

- Analyzed and refactored frequently used parts in the ERP system for the warehouse, optimized part to reduce memory usages from 2 GB to 300 MB. And improved loading time in different areas from 15 - 10 + seconds to 3 - 5 + seconds.

- Refactored Android 4.4 Java application for warehouse workers to sort and control shipment sorting. (Works with a scanner and communicates with the internal API to control the FSM, informs the user by audio messages with new tasks.

Suggested and delivered ideas about real-time monitoring with visualization.

PHP, Java, Go

Inbox.lv, Latvia, Riga — Software Developer, PHP

2017- 2018

Responsible for the development and architecting of the new product related to a video streaming service called "xTV". Service at self-designed as a powerful tool to populate video content, most focused for the Latvian news companies and local shows.

Side overtime work:

- Simplified Kaspersky RPC API by implementing a modular gateway for managing B2B and B2C workflows.

- Designed and implemented a single responsible system to almost automatically compiling\building projects with continuous integration and code delivery.

PHP, Symfony, MySQL, RabbitMQ

CERTIFICATE

"Building Security into PHP Applications" from Zend by Rogue Wave Software

"Professional education in engineering with C++" from Udacity

LANGUAGES

English - professional. Work language since 2017.

Swedish - Limited working proficiency

Latvian - Professional Working Proficiency

Russian - native

Transact Pro, Latvia, Riga— Software Developer

2015 - 2017

Payment gateway old version:

- Refactoring part of legacy system to implement new functionality of FDL API and Decta (transaction processors for Visa, Mastercard) and negotiated fees reduction of testing for 30K EUR.

- Added algorithm to better handle timeouts of financial transaction requests between payment systems.

Payment gateway new version:

- Participate in the engineering of web-services and micro-services (API's, REST\SOAP). Which were responsible for processing financial data and aggregation data and file collection (financial reports) from different sources.

PHP, GO

LPB Bank, Latvia, Riga— Full Stack Developer \ DBA Administrator

2013- 2015 (2 year, 3 mo.)

- Invented a different web application for internal use. (Analytical, monitoring, various forms, databases with a web interface and e-documents system).

- Integrating and solving technical issues of customers in bank e-commerce gateway.

- Administrating the card system "Tieto", RTSP, MPCs, CMS;

- Optimize, automate, and everyday processes between IT and bank departments.

PHP, Python 2

Aircom plus, Latvia, Daugavpils — Web Development Intern

2013- 2013 (7 mo.)

Was responsible for web page administration and maintenance.

Organization of the network for clients and computer system maintenance.

PHP, MySQL

EDUCATION

Udacity - C++ Engineering

2020 - 2021

Educated about high-performance technics, the latest industry standards, and C++ history.

During education was solving issues in related fields from self-driving cars and robotics, to web browsers, media platforms, servers, and even video games.

Online courses and certification

I do them frequently, usually 10-20 hours per week. In following learning platforms: **Pluralsight, Udacity, Udeemy, Coursera**

(All passed curses added to Linkedin)

TSI, Latvia, Riga— *Bachelor, Computer science (Not ended)*

2014- 2015

Computer Architecture; Algorithms; Computational Theory.

The concept of the work of architecture of computers; Principles of object-oriented programming in C++. The basic principles of software development; Developing Web applications.

DVT, Latvia, Daugavpils— *Vocational education, Programmer*

2010- 2013

Operating Systems; Databases; Algorithms; Programming Languages; Comp. Architecture;