

Yurii Kovalchuk

Backend C# .NET Developer

Backend developer with 3 years of backend experience designing, enhancing and maintaining .NET applications



Kyiv, Ukraine

kovalchukum@gmail.com

Telegram/Viber +380930122934

live:kovalchukum

github.com/kovalchukum

linkedin.com/in/kovalchukum

WORK EXPERIENCE

Middle Backend .NET Developer AD "InfoPlus"

03/2019 - Present

Kyiv, Ukraine

Design, development and maintenance integration services with external systems
Achievements/Tasks

- Implemented integration with 3rd party services like kyivcity.gov.ua, vodafone, lifecell, kyivstar
- Design and development Web Api to provide interaction with doflow system
- Design, development and maintenance of secure exchange confidential data system with multiple integrity checks
- Investigating and solving poor performance problems
- Design and development various windows services
- Wrapping existed solution code by unit tests

Delphi/SQL/PLSQL/Oracle Developer AD "InfoPlus"

02/2016 – 03/2019

Kyiv, Ukraine

Design, development and maintenance docflow system, windows services
Achievements/Tasks

- Design, development and maintenance of complex, large docflow product
- Created 30+ VCL components, Windows services, DLL, ActiveX
- Dealed with memory leaks, AV, emergency shutdown without notifications
- Developed client/server applications using SOAP, REST, XML, JSON, automation of interaction with MS Office (including X509, office 365) and OpenOffice
- Provided migration main product from Delphi 6 to Delphi XE4
- Database design, development of stored procedures, SQL queries optimization for the heavy-load parts of the system

Delphi/SQL Developer LTD "TRIO"

08/2009 – 02/2016

Kyiv, Ukraine

Development of scada systems, monitoring and analysis systems for industrial automation
Achievements/Tasks

- Designed and developed automated industrial data collection system, alerts system, process control, accident system
- Developed a control device for industrial meters based on STM32
- Designed and developed warehouse inventory control system
- Applied reporting solutions for gas-distributing plants, metering stations, waste material accounting
- Worked on automated bug analysis system and elimination
- Worked with the hardware level (RS232, RS485, modbus, AT, DCON, development and reversing of the exchange protocols)

EDUCATION

System software engineer

Kirovograd Polytechnic National University

09/2004 – 07/2009

SKILLS

C# .NET Core ASP.NET MVC

Entity Framework Core AutoMapper

Swagger Multithreading Dapper Oracle

SQL PLSQL Git SVN GitHub

REST WebApi LINQ Design Patterns

Scrum/Agile Unit testing

Integration testing Highload OOP

SOLID TeamCity

FREELANCE PROJECTS

Remote Car Command Executor (02/2021-Present)

- Design, development and maintenance of complex Tesla remote diagnostics system (.NET 5, Quartz, MySQL, VueJs, CI/CD, Qt, CentOS, hardware, STM32)

LANGUAGES

English – Intermediate

