







# VADIM DOLMATOV



## Personal

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Male
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## Skills

|                 |           |
|-----------------|-----------|
| PLC             | ● ● ● ● ● |
| SCADA           | ● ● ● ● ● |
| Siemens         | ● ● ● ● ● |
| Schneider       | ● ● ● ● ● |
| Yokogawa        | ● ● ● ● ● |
| SQL             | ● ● ● ● ● |
| C#              | ● ● ● ● ● |
| Network         | ● ● ● ● ● |
| Commissioning   | ● ● ● ● ● |
| Instrumentation | ● ● ● ● ● |
| Design          | ● ● ● ● ● |

## Languages

|           |           |
|-----------|-----------|
| Russian   | ● ● ● ● ● |
| English   | ● ● ● ● ● |
| Chinese   | ● ● ● ● ● |
| Ukrainian | ● ● ● ● ● |

Automation engineer with 6+ years of experience in the development of automated control systems in the field of production, processing, transportation and storage of oil, oil products and gas. There is significant engineering experience, participation in all stages of the development of an automated process control systems from design to commissioning at enterprises in Russia, Turkmenistan and Kazakhstan.

Proficient with modern instrumentation, control cabinet equipment, PLC. Completed several projects using Siemens, Schneider, Yokogawa systems. Knowledge of communication protocols (Modbus, Profibus, ProfiNet, TCP/IP).

Skills in object-oriented programming (C#), databases (MS SQL, MySQL), network equipment.

## Work experience

**Instrumentation and Control Engineer** Nov 2018 - Present  
[Automation and Service LLP, Moscow](#)

1. Development of software for PLC, SCADA, HMI panels.
2. Supervising, quality control.
3. Commissioning.
4. Development of technical documentation.

**Instrumentation and Control Engineer** Mar 2016 - Nov 2018  
[PRIZ JSC, Moscow](#)

1. Development of software for PLC, SCADA, HMI panels.
2. Supervising, quality control.
3. Commissioning.
4. Development of technical documentation.

**Instrumentation and Control Engineer** Aug 2014 - Dec 2015  
[NEKO LLP, Maloyaroslavets, Kaluga region](#)

1. Design automated and safety systems for heating (boilers, IHP, CHP) and gas generator sets.
2. PLC programming.
3. Supervising, quality control.
4. Commissioning.

## Education and Qualifications

**Master's degree** 2005 - 2010  
[Kharkiv National University of Radioelectronics, Kharkiv](#)

Flexible computer systems and robotics

**Master's degree** 2008 - 2011  
[Kharkiv National University of Radioelectronics, Kharkiv](#)

Automation in Banking

## Courses

**Modicon BME M580 controller configuration features** Sep 2017  
[Schneider Electric](#)

**Unity Pro Application Development Environment - Advanced** Oct 2017  
[Schneider Electric](#)

**Ethernet-based industrial communications for Modicon** Nov 2017  
[Schneider Electric](#)

**20483B. Programming on C #** Nov 2017  
[Autonomous Non-Profit Organization of Additional Vocational Education "IT Academy"](#)

## Participation in projects

Automation and Service LLP

### **1. 2018 - 2019. Kharampurskoe gas field (Yamalo-Nenets Autonomous region)**

Development of DCS and ESD systems for field facilities.

Personal participation:

- software development for Yokogawa Stardom and FAST/Tools systems;
- Factory acceptance test (FAT).

PLC - Stardom FCN500, SCADA - FAST/Tools, HMI - Weintek

### **2. 2019. Zhaikmunai LLP - Chinarevskoye gas field (Kazakhstan)**

Addition to the OTU a new equipment: vertical steel tanks, pumping units, valves, instrumentation.

Personal participation:

- configuring the PLC with new distributed units without stopping production;
- PLC program correction;
- adding new technological positions to the SCADA project;
- commissioning.

PLC - Siemens S7-400H, distributed system - ET200M, SCADA - WinCC.

### **3. 2019. Vostochno-Messoyakhskoye field (Yamalo-Nenets Autonomous region)**

Personal participation: software development for local system integration.

PLC - Stardom FCN500, SCADA - FAST/Tools

### **4. 2019. ZapSibNeftekhim (Tobolsk)**

Commissioning

Personal participation:

- PLC program correction;
- HMI correction;
- technical support.

DCS - Yokogawa Centum, local PLC - Yokogawa FA-M3, HMI - STAHL.

### **5. 2020. Amursky GPP (Amur region)**

Commissioning supervision.

DCS - Yokogawa Centum, ESD - Yokogawa ProSafe.

### **6. 2020. Vostochno-Messoyakhskoye field (Yamalo-Nenets Autonomous region)**

Personal participation: software development for local system integration, commissioning.

PLC - Stardom FCN500, SCADA - FAST/Tools, ESD - ProSafe.

PRIZ JSC

### **1. 2016. LUKOIL - Complex oil terminal (Kaliningrad region)**

Addition to the complex a new equipment: vertical steel tanks, filtration units.

Personal participation - design.

### **2. 2016. LUKOIL - Fuel filling complex in Koltsovo Airport (Yekaterinburg)**

Commissioning

Personal participation:

- software development for PLC and SCADA;
- commissioning of instrumentation, cabinet equipment, valves and frequency converters.

For the DCS was used Siemens S7-400H with ET-200M distributed peripherals, for the ESD - IM-151-8F-CPU.

### **3. 2017. Gazprom neftekhim Salavat (Republic of Bashkortostan)**

Design of rail tanker loading unit.

### **4. 2017. Turkmenbashi Refinery (Turkmenistan)**

Commissioning of steam superheat unit.

PLC Siemens S7-300 F-CPU, SCADA WinCC.

### **5. 2018. LUKOIL - Fuel filling complex in Sheremetyevo Airport (Moscow)**

Design DCS and ESD, QA/QC, Commissioning.

Personal participation:

- Design;
- Management of commissioning team;
- Integration of local systems;
- PLC programming.

For the DCS was used PLC Schneider Modicon M580 and M340, SCADA - Schneider Citect, distributed peripherals - Simatic ET200IS via Profibus.