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## Experience

- March 2013 - Present      **Lead Automation Engineer at LLC "Company BALEX"**
- Functional description and software development for process control as for PLC Simatic S5, S7 by Siemens as for other vendors (Schneider, Festo...);
  - Development of visualization as for overall plant SCADA systems as for standalone machines;
  - Organization of information exchange in industrial networks Profibus, Profinet, Ethernet, Modbus, MPI, etc.;
  - Development of electrical documentation (cable lists, drawings, layout, wiring diagrams, etc.);
  - Design and commissioning of automation systems;
  - Modernization of electrical and pneumatic control systems;
  - Managing installation, development and commissioning works.
- Dec 2007 - March 2013      **Automation Engineer at JSC "Kharkiv Yeast Plant"**
- Automation of biotechnological processes utilizing PLCs Simatic S7-300/400 Siemens;
  - Development of visualization in Simatic WinCC/WinCC Flexible;
  - Support of functionality of equipment: PLC, VFD, HMI, wide range of sensors, control cabinets, workstations (SCADA-clients), active and passive network components etc.;
  - Creation of electrical documentation;
  - Installation of equipment and commissioning works.
- Feb 2006 - Dec 2007      **Automation Engineer at JSC Tiazhpromelectroproect"**
- Software development for industrial process control using Siemens PLC;

- Creation of visualization systems in Simatic WinCC and Simatic WinCC Flexible;
- Development of electrical schematic diagrams, cable lists, lines coupling, layout-design of cabinet units;
- Development of electric power supply systems.

## Education

National Technical University “Kharkiv Polytechnic Institute”  
 Department: Electric machine building  
 Speciality: Automated electromechanical systems and drive  
 Qualification: Master of electromechanics

## Languages

Ukrainian, Russian (native),  
 English (B2 with IELTS 6.5),  
 German (B1)

## Skills & Expertise

**Program languages:** IEC 61131-3 languages (ST, IL, FBD, SFC, LD), C/C++ for WinCC, Java, JavaScript, HTML, CSS, SQL.

**Program packages:** Simatic Step 7, TIA Portal, WinCC/Wincc Flexible, ProTool, Drive ES, Drive Monitor, Codesys, IBH Softec S5/S7, FE Monitouch V-SFTV 5, Matlab/Simulink, AutoCAD, SolidWorks, IntelliJ IDEA, Eclipse, NetBeans, VS Code, MS Office package.

**Operating systems:** Windows CE/NT/2000/XP/7/8/10, Linux.

## Certifications

Siemens Simatic PRO2, Codesys, IELTS

## Courses

PRO1, PRO2 Siemens Simatic Courses;  
 SourceIT IT school (software automation testing with Java);  
 Automation testing with Selenium;  
 Clear JavaScript;  
 iLingua language school (English, German).

