

# Andrew Buldyzhov

Updated: 12 Feb 2024

**Objective** Technical Project Manager, Team Lead, or Consultant for Industry 4.0 and 5.0 projects

## Advantages

- ★ Rare combination of IT and OT experience during a 24-year career.
- ★ Working experience both in large international companies and as an entrepreneur.
- ★ Marketing, sales, and management skills in engineering and software development.
- ★ Strong communication and documentation skills in English, Ukrainian, and Russian.
- ★ Sharp technical skills in software development, DevOps, and industrial automation.

2022..now – [SAIP Automation International](#). Siemens Solution Partner. *OT Cybersecurity Specialist*.

- Initiated and developed the company's website, including content and design.
- Ensure PLC/RTU/SCADA cybersecurity in energy automation and energy protection projects.
- Perform project management and engineering in renewable energy projects using Copa-Data zenon.
- Developed SCADA solution for IIoT and smart-home devices using Home Assistant, Linux and Python.
- Conducted awareness training for staff and OT cybersecurity training program for engineers.
- Developed information security policy for the company.

2019..now – [H-X Technologies LLC](#). Cybersecurity. *Chief Information Officer*.

- Designed and implemented the company's IT infrastructure based on AWS, Ansible, and Cloudflare.
- Developed [business automation systems](#) based on Google Workspace with Apps Script (JavaScript).
- Developed a nuclear-proof backup system based on bash scripts, Google Drive, AWS EC2 and S3.
- Designed, implemented, and maintain the company's website in WordPress.
- Participated in business accelerator [Cybersecurity of Critical Infrastructure](#).
- Develop and document business processes, procedures, and workflows.
- Perform tech presales, staff coaching & training, and business development.

2021..2022 – [Mood Media LLC](#). In-store media solutions. *Business Analyst*.

- Developed business automation solutions based on AWS and on-premises Linux servers.
- Provided the bridge between business and development. Produced documentation.
- Analysed data lakes and produced ETL reports using Databricks.

## Working Experience

2014..2021 – [Deluxe Corp](#). Web hosting. *Technical Project Manager*.

- Performed project management for web software development according to Agile/Scrum.
- Used JIRA, Confluence, Trello, Asana, FishEye, Jenkins, Selenium, SVN, Git, Figma, etc.

2005..2021 – [AT Engineering](#). ICS/SCADA engineering. *Founder, Software Engineer*.

- Established a start-up business, trained 5 PLC/SCADA engineers from scratch.
- Successfully completed 120+ ICS/SCADA projects.
- Developed tasks in C++, Java SE, and Python.
- Technological experience in such industries: refrigeration, grain elevators and silos, storage of liquid oil and gas products, automation of floating docks, food & beverages processing equipment.
- Proficient in: Siemens SIMATIC Step7, Protocol, WinCC Flexible & WinCC SCADA, TIA Portal.
- Experienced in: Schneider Electric Unity Pro, SoMachine, Citect SCADA, CoDeSys, Omron CX-One, Mitsubishi FX IEC Developer, Carel 1tool, iFix, AutoCAD.

2002..2005 – [GEA Grasso International B.V](#). Industrial refrigeration. *Software Engineer*.

- Completed 14 PLC/SCADA projects in industrial refrigeration.
- Performed commissioning at 8 sites in Ukraine, 2 in Poland, 1 in Greece, and 1 in Egypt.

1999..2002 – [AMICO LLC](#). ICS and SCADA vendor. *Software Engineer*.

- Engineered and commissioned 6 HMI/SCADA projects in the oil and gas industry using NI LabVIEW.
- Administered the network of 26 computers under Windows 95, 98, NT 4.0, and XP Pro.

**Education** 1996..2002 – Ukrainian State Maritime Technical University. *Electromechanical Engineer*.

## Personal Info

Married, 3 children. Good health.  
Citizen of Ukraine. Currently live in Targu Mures, Romania (Temporary Protection status).  
Hobbies: French, basketball, table tennis, ultimate Frisbee, swimming, running, hiking, biking, teaching.

## Contacts

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