

Andrew Buldyzhov

Brief version. Updated: 25 Jul 2026

Target Roles OT Architect • Digital Transformation Manager • Senior Automation Manager

Executive Summary

- ★ Rare combination of IT, OT, and cybersecurity skills during a 27-year career.
- ★ Work experience in both large international companies and as an entrepreneur.
- ★ Management, marketing, sales, and biz dev skills in engineering and software development.
- ★ Strong negotiation and documentation skills in English, Ukrainian, and Russian.
- ★ Strong technical expertise in software development, DevOps, and industrial automation.

2024..present – [Abbott Ireland](#), Nutrition/ADC. *Senior Automation/Systems Engineer.*

- Provide technical support for automation systems.
- Develop Industry 4.0 solutions in a strictly regulated environment of GMP manufacturing.
- Initiate and perform Digital Transformation for the legacy paper-based workflows.
- Perform procurement and management for automation projects.
- Initiate and perform OT cybersecurity risk assessments and mitigation.

2022..2024 – [SAIP Automation](#). *Siemens Solution Partner. OT Cybersecurity Specialist.*

- Led automation projects and performed cybersecurity hardening.

2019..2024 – [H-X Technologies LLC](#). *Cybersecurity. Chief Information Officer.*

- Designed and developed the company's IT infrastructure using modern cloud technologies.
- Developed 5 [business automation systems](#).
- Participated in the business accelerator [Cybersecurity of Critical Infrastructure](#).
- Developed and documented business processes, procedures, and workflows.

Experience

2021..2022 – [Mood Media LLC](#). *Business Analyst.*

- Acted as the liaison between business stakeholders and software engineering teams.

2014..2021 – [Hostopia LLC](#). Web development. *Technical Project Manager.*

- Led 3 large web application projects according to modern IT methodologies with 12 engineers.

2005..2021 – [AT Engineering](#). PLC/SCADA engineering. *Founder.*

- Founded and grew an industrial automation company from startup to a seven-engineer team, delivering more than 120 industrial automation projects in food & beverages, oil & gas, and shipbuilding industries.

2002..2005 – [GEA Grasso International B.V.](#) *PLC/SCADA Engineer.*

- Completed 14 projects in industrial refrigeration.

1999..2002 – [AMICO LLC](#). Automation vendor. *Software Engineer.*

- Developed and commissioned 6 SCADA projects in the oil & gas industry.

Education

1996..2002 – Ukrainian State Maritime Technical University. *M.Sc. in Electromechanical Engineering.*

Personal Info

Currently live in Kilkenny with a Critical Skills Employment Permit in Ireland.

Contacts

Linked In: [linkedin.com/in/andrew-buldyzhov/](https://www.linkedin.com/in/andrew-buldyzhov/)

bul@ukr.net

Core Competencies

Industrial Automation, Digital Transformation, Industry 4.0, Manufacturing Systems, OT Cybersecurity, SCADA, PLC Programming, Process Automation, Project Management, Team Leadership, Solution Architecture, Cloud Infrastructure.

Technical Skills

Industrial Automation

Siemens TIA Portal, Step7, WinCC, Ignition SCADA, iFix, Citect, Wonderware Intouch, Schneider Electric Unity Pro and SoMachine, Omron CX-One, CoDeSys, Carel 1tool, Mitsubishi IEC Developer, AutoCAD, Allen-Bradley / Rockwell PLC.

Cloud / DevOps

Linux, AWS, Azure, Google Workspace, Cloudflare, SVN, Git, Jenkins, Docker, Kubernetes, Ansible, Databricks.

Programming

Python, Java SE, JavaScript, HTML, CSS, C++, Bash, VBA, Office Script, PowerShell, NI LabVIEW.

Databases

Oracle, SQL Server, MySQL.

IT tools and methodologies

Jira, Confluence, Trello, Asana, FishEye, Figma, SharePoint, MS Loop, Power Automate, Power Apps, Power BI.

Cybersecurity

Risk assessment, user awareness, vulnerability scanning, nmap, OpenVAS, ZAP, Cisco routers, VLAN, segmentation.