

Andrew Buldyzhov

Detailed 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.

2025..present – [Abbott Ireland](#) Diabetes Care. *Senior Systems Engineer.*

- Provide technical support for the SMT PCB lines using iTAC and POMSnet MES software and Oracle database.
- Initiate and perform Digital Transformation for the legacy paper-based workflows in a strictly regulated environment.
- Initiate and perform OT information-security hardening.

2024..2025 – [Abbott Ireland](#) Nutrition. *Senior Automation Engineer.*

- Developed Industry 4.0 solutions in an FDA-regulated environment.
- Performed procurement and management for automation projects supplied by Irish and international contractors.
- Initiated and implemented OT cybersecurity risk assessments and mitigation.

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

- Led automation projects and performed cybersecurity hardening.
- Conducted awareness training for staff and OT cybersecurity training program for engineers.

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

- Designed and developed the company's IT infrastructure.
- Developed 5 [business automation systems](#) based on Google Workspace with Apps Script (JavaScript).
- Developed a nuclear-proof backup system.
- Participated in the business accelerator [Cybersecurity of Critical Infrastructure](#).
- Developed and documented business processes, procedures, and workflows.

Experience

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

- Developed business automation solutions based on cloud and on-premises servers.
- Acted as the liaison between business stakeholders and software engineering teams. Produced documentation.
- Analysed data lakes and produced ETL reports using Databricks.

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

- Led 3 large web application projects according to Agile/Scrum with 12 engineers (backend, frontend, DevOps, QA).

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

- Founded and grew an industrial automation company from startup to a seven-engineer team, delivering more than 120 industrial automation projects.
- Technological experience in such industries: refrigeration, grain elevators and silos, storage of liquid oil and gas products, automation of floating docks, food & beverages.
- Developed the company website using WordPress.

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

- Engineered and commissioned 6 HMI/SCADA projects in the oil and gas industry.
- Administered a network with 26 Windows workstations.

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.
Hobbies: French (B1), basketball, table tennis, cycling, ultimate Frisbee.

Contacts

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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.