

Andrew Buldyzhov

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| Objective | Senior Automation Engineer, Team Lead, or OT Architect for Industry 4.0 projects | |
| Advantages | <ul style="list-style-type: none">★ Rare combination of IT and OT experience, engineering and management skills during a 25-year career.★ Working experience in both large international companies and as a freelance consultant and team lead.★ Marketing, sales, and biz dev skills in engineering and software development.★ Strong negotiation and documentation skills in English, Ukrainian, and Russian.★ Sharp technical skills in software development, DevOps, and industrial automation. | |
| Working Experience | 2024... Abbott Laboratories , Ireland. <i>Senior Automation Engineer</i> . <ul style="list-style-type: none">• Developing Industry 4.0 solutions in an FDA-regulated corporation using TIA Portal, Power BI, and Ignition SCADA.• Performing procurement and management for automation projects supplied by Irish and international contractors.• Hardening OT cybersecurity. | |
| | 2022..2024 – SAIP Automation . Siemens Solution Partner. <i>OT Cybersecurity Specialist</i> . <ul style="list-style-type: none">• Initiated and developed the company's website in WordPress, including content and design.• Performed project management, engineering, and cybersecurity hardening in renewable energy projects.• Conducted awareness training for staff and OT cybersecurity training program for engineers. | |
| | 2019..2024 – H-X Technologies LLC . Cybersecurity. <i>Chief Information Officer</i> . <ul style="list-style-type: none">• Designed and implemented the company's IT infrastructure based on AWS, Google Workspace, 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.• Participated in the business accelerator Cybersecurity of Critical Infrastructure.• Developed and documented business processes, procedures, and workflows. | |
| | 2021..2022 – Mood Media LLC . In-store media solutions. <i>Business Analyst</i> . <ul style="list-style-type: none">• 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. | |
| | 2014..2021 – Deluxe Corp . Web hosting. <i>Technical Project Manager</i> . <ul style="list-style-type: none">• Performed project management for web software development according to Agile/Scrum.• Used modern IT tools: JIRA, Confluence, Trello, Asana, FishEye, Jenkins, Selenium, SVN, Git, Figma, etc. | |
| | 2005..2021 – AT Engineering . ICS/SCADA engineering. <i>Founder, PLC/SCADA Engineer</i> . <ul style="list-style-type: none">• 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 these 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. <i>PLC/SCADA Engineer</i> . <ul style="list-style-type: none">• Completed 14 PLC/SCADA projects in industrial refrigeration using Siemens and Allen-Bradley PLC and SCADA.• Performed commissioning at 8 sites in Ukraine, 2 in Poland, 1 in Greece, and 1 in Egypt. | |
| | 1999..2002 – AMICO LLC . ICS/SCADA vendor. <i>Software Engineer</i> . <ul style="list-style-type: none">• Engineered and commissioned 6 HMI/SCADA projects in the oil and gas industry using NI LabVIEW and Visual C++.• Administered the network of 26 computers under Windows 95, 98, NT 4.0, and XP Pro. | |
| Education | 1996..2002 – Ukrainian State Maritime Technical University. <i>Electromechanical Engineer</i> . | |
| Personal Info | Married, 3 children. Good health. Citizen of Ukraine. Currently live in Cootehill, Ireland (Temporary Protection status). Hobbies: French (B1), basketball, table tennis, ultimate Frisbee, swimming, hiking, biking, teaching. | |
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