

ADRIAN

Stelmach

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Do you know two technology enthusiasts, Phineas and Ferb? As a child, I could have been their brother. Just like them, I was always curious about the world and full of ideas on how to construct, improve, and automate things. I was most fascinated by mathematics and computer science, and later, their potential for developing Polish industry. That's why I developed my skills in these areas, so now I can share my extensive knowledge and experience with others.

AT THE START

Even as a child, I was fascinated by mathematics and technology. I loved creating, analyzing, and solving problems. My passion for mathematics and computer science led me to study at the Silesian University of Technology. I studied automation, electronics, and computer science. Additionally, over time, I realized that the industry in Poland holds immense importance for all of us. Without it, our daily lives would be incredibly difficult. Most of the things that surround us are produced on a large scale in industrial environments. That's when I understood that this was my path - combining new technologies, especially those related to computer science and information flow, with industry.

PROFESSIONAL EXPERIENCE

After completing my studies, I began my career as a programmer at a company developing solutions for the industry. This allowed me to gain deep knowledge about

production data flow and the challenges related to industrial automation. Over time, I advanced to the position of manager and later director of the IT department, where I was responsible for the sales and implementation of IT projects in line with the concept of Industry 4.0.

Currently, as the CEO of EXPLITIA S.A., I am involved in the comprehensive digital transformation of manufacturing plants. My goal is to improve the quality and safety of processes. Through technological consulting, I support the implementation of solutions that reduce manufacturing costs and increase the efficiency of machine parks. On a daily basis, I collaborate with individuals managing production plants, helping them fully utilize the potential of their enterprises.

MISSION – EDUCATION

My mission is to educate in the field of new technologies and industrial development. I am eager to share knowledge on how to increase efficiency, better utilize employee potential through technology, reduce manufacturing costs, and create products with respect for the environment. I support factories in adapting to modern technological solutions.

Advanced IT systems can significantly simplify employees' daily tasks, allowing them to focus on more valuable activities. As a result, manufacturing companies can operate more efficiently, produce higher quality products, all while consuming fewer resources and paying greater attention to environmental care.

Understanding how the Polish industry functions is key – improving efficiency

and responsibly managing resources leads to reduced production costs, which ultimately benefits us, the consumers.

MISSION IMPLEMENTATION

I strive to fulfill my mission through active participation in industry events, writing expert articles, and giving interviews in the media. I am the author of the book “15 Steps to Purchasing an IT System” and a mentor at the Youth Business Poland foundation. I actively run the blog [AdrianStelmach.com](https://adrianstelmach.com) and engage my audience on LinkedIn.

10 example topics I would be happy to discuss:

1. Structure and condition of the Polish industry
2. Challenges in Polish manufacturing
3. Digital transformation of manufacturing plants
4. Environmental protection in the context of industry
5. Major ESG challenges in manufacturing companies
6. How to reduce manufacturing costs while protecting the environment
7. Where money leaks in business and production processes
8. The impact of new technologies (including AI) on employment
9. Change management in the industry
10. The significance of industry for society and consumers

PODCAST “DIGITALIZUJ.PL”

From a passion for business consulting and modern technology, I have created a channel on YouTube, Spotify, and Apple Podcasts – **Digitalizuj.pl**. It focuses on the latest technologies and solutions that are transforming the face of companies, not just in the industrial sector.

Example episodes:

- How will modern technologies change the future of business?
- Do you know what you're eating? How traceability and identification are transforming production?



EXAMPLE LECTURES

- **IV BPM Symposium** – Automation of business processes and artificial intelligence in the face of economic challenges – The importance of data in purchasing processes of new technologies
- **Silesian University of Technology**, Faculty of Automation, Electronics, and Computer Science – Guest lecture
- **XII Green Industry Summit** – Green logistics
- **Siemens Sponsored Conference for the Automotive Industry** – Vibroacoustic measurements and traceability
- **V Turck Users Meeting Conference for Automation Specialists** – Traceability and Inference in Industry 4.0
- **New Industry Expo** – Panel Discussion: Industry 4.0 in the Automotive Sector
- **Robotech Conference** – MES 4.0: Data acquisition and production genealogy in robotic machinery
- **V BPM Symposium** – The role of BPM in implementing new technologies (including AI) in industry
- **Mobile Trends Conference** – AI in industry – do you know the benefits it offers you?
- **Axon Media “Automation and Robotization of Production – Towards Industry 4.0”** – Digital product passport and automatic product traceability

EXAMPLE VIDEO INTERVIEWS

- Dr-Ecommerce – Revitalized hundreds of companies. Meet the master of production optimization
- Value Based Consulting – Technology and business – how to grow your company?
- Monika Skrodzka – About marketing, relationships, and safety...
- AgileLabs Scrum & Kanban, Paweł Lewiński – Agility and industry
- KWADRANS NA PRODUKCJI – ERP/MES systems
- Co-author of the Digital Twin video podcast (until 2023)



EXAMPLE ARTICLES

- Industry 4.0 – Production Digitalization? Debunking common myths!
- Dairy Forum – Product Traceability and carbon footprint
- ERP.view – ESG-friendly production – new trend or new standard?
- Sales 24 – Bridging the gap between technology and business: overcoming barriers in purchasing new technologies; Issued production – connecting an online store with a machine park; From consultation to commercial offer: navigating the software purchasing process
- Kapitał Polski – Digitalization and employment; Company growth in alignment with ESG – a strategy for not just the big players
- Kapitał Polski – Expert articles in printed periodicals
- Kaizen – Expert commentary in printed magazines
- Financial Gazette – Are you still afraid of scarecrows? Become a digitalization expert!
- Sales 24 – B2B sales under the microscope
- Polish Industry – Is your production ready for artificial intelligence?
- Industrial Portal – Digitalization of production – it's not as scary as it seems...