Adam Bujdoso



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EXECUTIVE SUMMARY

Strategic technical executive with a decade of experience in the chemical industry, connecting robust engineering foundations with advanced expertise in R&D leadership and capital investment management. As a Lean Six Sigma Black Belt, I am dedicated to driving corporate innovation and operational excellence. I specialize in transforming technical challenges into sustainable business growth through data-driven decision-making. I am also a licensed engineering designer who ensures strict compliance with statutory regulations and critical industry frameworks.

PROFESSIONAL BACKGROUND

Head of Technology and R&D **07/2026 – YTD**
Framochem

- Responsible for R&D and Technology strategy through mid- and long-term roadmaps, aligning technological capabilities with higher corporate objectives.
- Serve as the key point of contact during new product negotiations and technology transfers. Deliver comprehensive feasibility studies and empower the commercial team with critical engineering aspects.
- Direct experimental laboratory operations and oversee the complete scale-up lifecycle of chemical formulations from lab synthesis and pilot trials ending in full-scale commercial manufacturing.
- Optimize production yield, capacity, and process effectiveness utilizing Lean Six Sigma principles and DMAIC methodologies, establishing a robust, data-driven analytical foundation.
- Provide strategic direction for CAPEX, automation upgrades, and line modifications to maximize operational flexibility and implement new product initiations.
- Participate in root-cause investigations and continuous improvement initiatives to eliminate bottlenecks, resolve quality non-conformities, and elevate overall plant efficiency.
- Partner with cross-functional teams to deliver authoritative technical expertise during strict regulatory compliance assessments and customer audits.
- Lead and mentor a high-performing team of engineers, fostering a culture of professional excellence and continuous development.

Investment Manager **01/2021 – 07/2026**
Framochem

- Creation / Approval / Coordination of CAPEX plan 3 – 5 MUSD budget.
- Reporting toward owner / company groups / leadership.
- Design / Preparation of projects (cost estimation, timeline, quality and safety aspects).
- Defining resources (set up team, quotation requests and tendering process with procurement department etc...).
- FAT and SAT of purchased equipment / machines.

LANGUAGE SKILLS

English – Advanced

OTHER SKILLS

AutoCAD

SigmaXL

CHEMCAD

MS Office

PYTHON

- Coordination of engineers / project leaders, cooperation with cross-functional teams.
- Commissioning and organizing of handover process.
- Keep contact with subcontractors, strategical partners, authority.
- Supervising on site, approval of site records.
- Participate in cost-saving, capacity improvement and EHS councils, support customer audits and regulatory inspections.
- Organize periodic annual maintenance plan.
- Ensuring strict compliance with statutory regulations and industry frameworks, including ISO 9001, ISO 14001, CLP, REACH, ATEX, Seveso III, Machinery Directive, IED, ADR, PED, PPE Regulation and experience with highly corrosive / hazardous materials.
- Activating (allocation of costs, approval of invoices, tracking of contract terms and payment), scrapping (amortization, devaluation), tangible assets (inventory control, registration and follow-up).
- Warehouse stock control (spare parts, logistics of long delivery cycle time items / equipment).

Plant Engineer **01/2017 – 12/2020**
Framochem

- Creating technological / operational descriptions with P&ID, PFD, Layout, Calculation of heat and mass balances.
- New product initiations (from lab to pilot scale then lead trial campaign in plant size), value creation initiatives.
- Support production and improve / keep technologies up-to-date, optimization, follow-up of KPIs.
- Prepare investment projects, support procurement (specification of pumps, heat-exchangers, compressors, glass lined equipment, instruments, valves and fittings etc.), provide information for designing, supervising carry out, commissioning, education of operators.
- Internal audit of different departments of the company, participate in customer audits.

EDUCATION

Mechanical Engineering MSc – Chemical specialization **2022 - 2025**
University of Miskolc

Chemical Engineering BSc **2010 - 2016**
University of Debrecen

LICENSES and CERTIFICATIONS

VE – V: Chemical process Design Engineer **2026**
MV – EN: Unrestricted responsible Technical Supervisor
ME – EN – VE: Certified Technical Inspector
VE – M – VFT: Design of chemical and related industrial processes
VE – M – VRT: Design of chemical systems and technology
Hungarian Chamber of Engineers

Lean + 6 Sigma – Black Belt **2024 - 2025**
Organized by SBTI – USA

Fire Safety Qualification for Hazardous Operations **2023, 2025**
(Hot work execution & supervision in flammable/explosive chemical environments per Decree 45/2011)

Internal auditor ISO 9001:2015, 14001:2015, 19011:2018. **2017, 2024**
Hungarian Standards Institute

Industrial Steam Boiler Professional (12 t/h) **2021**

AutoCAD Designer Basic / Intermediate **2018**