



MARCIN STASKO / CV

Marcin Stasko.

CTO · Head of AI · Head of Engineering

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PROFESSIONAL PROFILE

I lead technology teams and still work hands-on with AI architecture. My background connects scientific reasoning, software and industrial systems. At LG Energy Solution, I built digital transformation capability and coordinated work across more than 30 engineers. Today, I run Science For People, combining AI consulting, implementation, education and product development.

CURRENT PRACTICE

Independent Consultant; subsequently Founder & CEO

Science For People / S4P OÜ | 2017-Present | Remote / International

- Completed more than 50 consulting projects in 16 countries, including over 3,000 consulting hours. The work covered AI strategy, architecture reviews, technical development, integration and implementation planning.
- I advise founders and leadership teams on use cases, investment priorities, governance and practical ways of working with AI. I turn business goals into roadmaps with clear ownership.
- I develop the Science For People platform for consulting, implementation support and education. Its AI tools connect prompt specifications, evaluation, human review and reusable knowledge with a clear record of decisions and completed work.
- Lead Try-Doo, an Android/web AI hairstyle assistant combining facial landmarks, photo analysis, recommendations, generated previews, preferences and salon-ready instruction cards.
- I also look after the product's day-to-day operation, from credits and Google Play Billing to content reports, data deletion, rewarded ads and services running on GCP Cloud Run.
- I help organizations move LLM and RAG solutions from proof of concept to production. My workshops, courses and mentoring have reached more than 14,000 learners and professionals.

LANGUAGES

Polish: Native | **English:** C1 | **Latin:** B1

EDUCATION

Bachelor's & Master's degrees - Opole University. Research period: 2014-2017. Chemistry, biotransformation and enzymatic processes.

Engineer - Opole University of Technology. Study period: 2010-2014. Individual Study Programme; thesis on polycyclic aromatic hydrocarbons in biomass-combustion exhaust gases.

AI in production.

60

machines

50

production lines

7

defect problems

AI/Digital Transformation Manager

LG Energy Solution | 2021-March 2026 | Biskupice Podgórne, Poland

- Built digital transformation capability and coordinated work across more than 30 engineers in software, data science, automation and manufacturing. Managed technology budgets, server procurement, KPIs and architecture under strict on-premises security requirements.
- Led predictive maintenance across **60 machines** and 10 signal types, from signal processing and model training to deployment; reported project savings exceeded **\$10M** annually.
- Led computer vision for seven defect-detection problems across **50 production lines** (five supervised, two unsupervised); reported project savings exceeded **\$45M** annually. Used Python, PyTorch and OpenCV.
- Directed company-wide autocalibration from equipment and PLC integration through data processing, auto-optimizing algorithms, software deployment and machine operating procedures; developed battery formation and electrochemical quality analytics.
- Architected and deployed an internal LLM/RAG platform with Milvus and Django. Developed agentic applications, document processing and transcription workflows; conducted separate LoRA adaptation research using enterprise knowledge.
- Led SAS-to-TIBCO Spotfire migration, data-lake/staging integration and tailored BI. Introduced modular Docker/MongoDB services, CI/CD, MLOps and YouTrack API delivery analytics.
- Represented LG through international keynotes, lectures and media work. Supported university curricula, an electromobility laboratory and chemical/IT expertise for complex legal and procedural matters.

Senior Data Scientist

LG Chem / LG Energy Solution | 2020-2021 | Biskupice Podgórne, Poland

- Led a Six Sigma Black Belt project delivering **\$28M** in savings; magnetic-separator diagnostics and algorithm upgrades delivered **\$2M** annually. Automated SAS/Python reporting, saving **25,000+** work hours annually.
- Built APAS manufacturing BI, presented it to the LG Chem CEO and supported its worldwide distribution within LG. Developed data-warehouse-backed End-Use/IPR customs traceability and interprocess ML.

Senior Defect Engineer

LG Chem | 2018-2020 | Biskupice Podgórne, Poland

- Led a Six Sigma Green Belt project generating **\$2.3M** annually; investigated defects across electrodes, assembly and formation, and researched chemical treatment, separation and industrial cleaning.

COURT-APPOINTED EXPERT WITNESS

Court-appointed Expert Witness - District Court in Opole | Apr 2018 - Jan 2024 · 5 yrs 10 mos | Opolskie, Poland

Prepared independent opinions for the court in cases involving food, cosmetics and medicinal products. Assessed the safety of production processes and finished products, examined toxicological issues, and explained the scientific evidence, methods and limits of the conclusions in clear language.

Scope: Production safety for food, cosmetics and medicinal products; Toxicological analysis and interpretation; Safety of finished food, cosmetic and medicinal products

Financial outcomes are source-reported project results; they are not additive portfolio totals.

Expertise, with context.

TECHNICAL SKILLS

AI, machine learning & signals

Python · PyTorch · Scikit-learn · XGBoost · Pandas · model training · feature engineering · forecasting · time-series analysis · denoising · spectral analysis · anomaly detection

Computer vision & industrial integration

OpenCV · supervised defect detection · unsupervised image anomaly detection · camera integration · facial landmarks · PLC integration · autocalibration · battery formation analytics

Data platforms & analytics

PostgreSQL · MongoDB · Redis · Milvus · SAS · TIBCO Spotfire · data warehouses · data lakes · staging zones · business intelligence · manufacturing traceability

LLMs & knowledge systems

Large language models (LLMs) · retrieval-augmented generation (RAG) · LangChain · LangGraph · Langfuse · Milvus · vector search · agentic workflows · LoRA adaptation research

Software & architecture

Python · SQL · Django · REST APIs · modular services · microservices · Git · YouTrack API · application integration · system architecture

Cloud, infrastructure & delivery

Google Cloud Platform · Cloud Run · Docker · Kubernetes · on-premises deployment · Apache Airflow / DAGs · CI/CD · MLOps · server procurement · production monitoring

LEADERSHIP & PEOPLE SKILLS

Cross-functional leadership · Executive communication · Critical thinking & evidence · Prioritization & accountability · Mentoring & knowledge sharing · Collaboration under pressure

Connect multidisciplinary teams and senior decision-makers; prioritize roadmaps against budgets and constraints; explain scientific uncertainty; mentor engineers and managers; use structured communication and conflict management under pressure.

CERTIFICATIONS & PROFESSIONAL STUDY

Leadership & delivery: ITIL Master; PRINCE2 Agile Expert; Professional Scrum Master II; Lean Six Sigma Black Belt - LG Chem; Lean Six Sigma Green Belt - LG Chem

AI & data: Probabilistic Graphical Models - Stanford University; Advanced Data Science - IBM; SAS Certified Specialist: Machine Learning Using SAS Viya 3.5; SAS Certified Predictive Modeler Using SAS Enterprise Miner 14; DAG Authoring for Apache Airflow

Additional professional study: ITIL: Foundation; Strategic Leader; Direct, Plan and Improve; Digital and IT Strategy; High-velocity IT; Forensic Science and Criminal Justice - University of Leicester; Food Safety / Quality Systems - LUQAM & Bureau Veritas: HACCP, ISO 22000, IFS, BRC

RESEARCH EXPERIENCE & PUBLICATION

June 2016 - October 2016 · 5 months | Visiting Researcher - Karolinska Institutet. Completed a research placement in Medical Biochemistry and Biophysics, focused on modifying a bacterial expression vector and selectively labeling selenoproteins with fluorescent markers.

June 2015 - October 2015 · 5 months | Research Intern - University of Graz. Completed a biocatalysis research placement at the Institute of Organic and Bioorganic Chemistry, investigating enzymatic phosphorylation of alcohols in low-water solvents. The research later contributed to a ChemSusChem publication.

June 2014 - October 2014 · 5 months | Research Intern - Institute of Organic Chemistry, Polish Academy of Sciences. Conducted research on the synthesis of fluorescent probes for enzymatic assays.

Tasnádi, G.; Staško, M.; Ditrach, K.; Hall, M.; Faber, K. "Preparative-Scale Enzymatic Synthesis of rac-Glycerol-1-phosphate from Crude Glycerol Using Acid Phosphatases and Phosphate." ChemSusChem, 2020, 13(7), 1759-1763. DOI: 10.1002/cssc.201903236.

PL: Wyrażam zgodę na przetwarzanie przez podmiot, do którego kieruję niniejszą aplikację, dodatkowych danych osobowych dobrowolnie zawartych w moim CV, w zakresie, w jakim ich przetwarzanie wymaga mojej zgody, w celu przeprowadzenia bieżącego procesu rekrutacyjnego, zgodnie z art. 6 ust. 1 lit. a rozporządzenia Parlamentu Europejskiego i Rady (UE) 2016/679 z dnia 27 kwietnia 2016 r. (RODO). Zgodę mogę wycofać w dowolnym momencie, bez wpływu na zgodność z prawem przetwarzania dokonanego na jej podstawie przed jej wycofaniem.

EU/EEA: I consent to the organisation to which I submit this application processing the additional personal data voluntarily included in my CV, to the extent that such processing requires my consent, for the purposes of the current recruitment process, in accordance with Article 6(1)(a) of Regulation (EU) 2016/679 (GDPR). I may withdraw my consent at any time, without affecting the lawfulness of processing based on consent before its withdrawal.