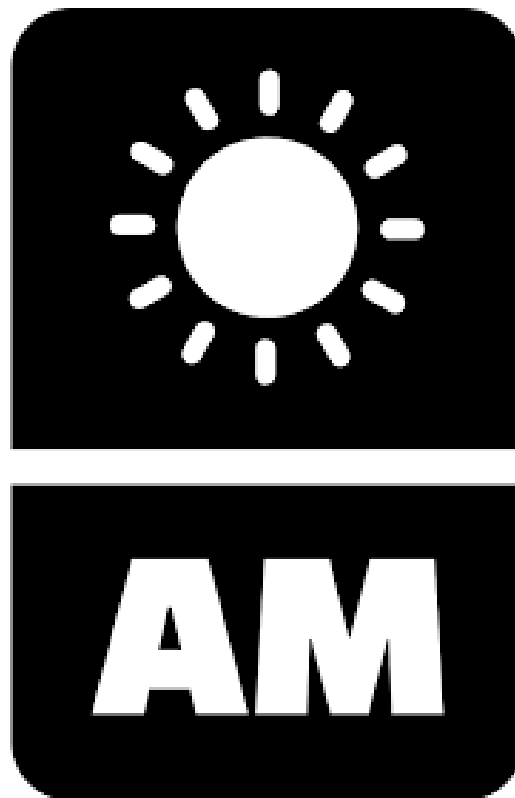# Artur Markus

SENIOR DIGITAL BUSINESS CONSULTANT

www.arturmarkus.com

Artur Markus

SENIOR DIGITAL BUSINESS CONSULTANT

CONTACT ME

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🌐 www.arturmarkus.com

EDUCATION

2007 - 2009
NATURAL SCIENCE AND TECHNICAL ACADEMY ISNY

- State certified biotechnological Assistant

2005 - 2007
COMMERCIAL SCHOOL WANGEN

- Intermediate Level

TAGS

- Business Consulting
- Tech Innovation
- Digital Transformation
- Subject Matter Expert
- Validation Lead
- Life Science IT
- IT Compliance
- Automation & Robotics
- Cloud and Scalability
- MES / LIMS / DMS
- Software Product Development

I'm Artur Markus, a technology expert specializing in AI-driven solutions and automation for regulated industries. With deep expertise in cloud-native architectures, I design and implement systems that are both innovative and compliant. I help organizations leverage emerging technologies to streamline operations, ensure data integrity, and bridge the gap between advanced tech and real-world business needs.

Currently I am scaling up business for Switzerlands first AI Platform Validium AG (Visit Website).

WORK EXPERIENCE

Validium AI
Co-Founder / Business Consultant
2025 - 2025

- Preparing Switzerland for a sovereign AI future

QPS Engineering AG
Senior Business Consultant
2024 - 2025

- Working for clients as CSV / QA Lead and scaling the companie's digital infrastructure.

Alpine Blockchain Consultants
Head of Development
2022 - 2024

- Tech head skilled in leading software development projects in blockchain environments.

NNIT Switzerland AG, Basel CH
Senior Business Consultant
2021 - 2023

- IT compliance consulting in Life Science, ensuring systems met FDA 21 CFR Part 11 and EU Annex 11 standards with a focus on Data Integrity throughout the software lifecycle.

Pharmatronic AG, Pratteln CH
Senior Business Consultant
2020 - 2021

- Delivered CSV consulting, ensuring compliance with GxP regulations during system validation.

GENERAL

- Full Stack Software Development
- Pilot Projects & MVP Development
- AI & Machine Learning Integration
- SW / HW Integration
- Digital Transformation Consulting
- Cybersecurity & Compliance
- Business Process Automation
- Blockchain & Smart Contracts
- Cloud Architecture & DevOps Solutions

LAB SPECIFIC

- Lab Robotics & Scientific Equipment
- Data Integrity & Compliance
- Merge Tech with Life Science
- Validation & Qualification
- Quality Software Assurance
- GAMP / EUDRALEX / FDA
- Lab Digitalization & Smart Labs
- Lab Robotics Integration for HTS
- Programming of Lab Robotics

SOFTSKILLS

- Innovation Driven
- C-Level Ready
- Digital native

WORK EXPERIENCE

Xavo Systems AG, Reinach CH
2018 - 2019
Business Consultant

- Communication interface to contact person of our customers. Interface between business and software development.

Univerity Hospital Zürich, Zürich CH
2017 - 2018
Automation Engineer

- Launch of the Molecular Tumor Profiling Laboratory (Next Generation Sequencing) owned by UniversityHospital Zürich.

Univerity Hospital Zürich, Zürich CH
2017 - 2017
Business Consultant

- Decide on automation solutions. Planning for the upcoming commissioning of new Next Generation Sequencing Laboratory (Personalised Medicine - Molecular Tumor Profiling).

Celerion Switzerland AG, Fehraltorf CH
2015 - 2017
Senior Instrument Responsible Liquid Handling

- Oversee and enhance automated systems for RIA, ELISA, LCMS, and other workflows in GxP.
- Head computer system validation projects in the Automation Engineering team.

Celerion Switzerland AG, Fehraltorf CH
2013 - 2015
Instrument Responsible Liquid Handling

- Manage existing and implement new automated platforms that support RIA, ELISA, LCMS and automated workflows. Plan and perform Computerized System validation focusing on Data Integrity in GxP-regulated environments.

Celerion Switzerland AG, Fehraltorf CH
2011 - 2013
Senior Analyst

- Perform PK analyses independently
- Interpret PK results and findings independently
- Perform QC reviews as assigned

Celerion Switzerland AG, Fehraltorf CH
2010 - 2011
Analyst

- Perform analytical analysis of samples using chromatography (LC-MS/MS and HPLC) or ligand-binding techniques (ELISA, RIA, EIA and PCR)

WHY I DO WHAT I DO

Over the years, I've worked with startups and enterprises, leading projects that bridge strategy, innovation, and compliance. I believe that with the right mix of creativity, teamwork, and code, we can shape the future and empower others along the way.

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