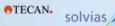
I BRING TECH TO LIFE

ARTUR MARKUS

SENIOR DIGITAL BUSINESS CONSULTANT

www.arturmarkus.com



abbvie





















CONTACT ME

- +41 77 26 744 72
- 🛛 arturmarkus@gmail.com
- Espenstrasse 92, Winterthur
- 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

artur<mark>m</mark>arkus

SENIOR DIGITAL BUSINESS CONSULTANT

I BRING TECH TO LIFE

I am Artur Markus, an experienced Business Consultant in the life sciences and IT sectors. I specialize in leading automation projects and developing compliant software solutions with a strong focus on data integrity. My work has supported significant digital transformations and enhanced operational efficiencies at global institutions. I am adept with a variety of technical tools and programming languages, ready to drive impactful results in innovative environments.

WORK EXPERIENCE

QuantumCode Group Business Consultant / Partner	2023 - 2024
 Designing the software and business SaaS company. 	architecture for a
Alpine Blockchain Consultants Head of Development	2022 - 2023
 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.	
• Xavo Systems AG, Reinach CH Business Consultant	2018 - 2019
 Communication interface to contact person of our customers. Interface between business and software development. 	

WORK EXPERIENCE

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

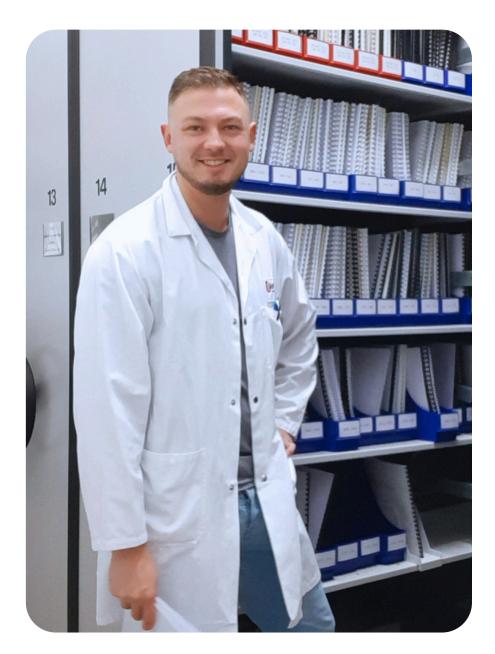
LAB SPECIFIC

- 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

- 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 ligandbinding techniques (ELISA, RIA, EIA and PCR)







My career is driven by one simple, powerful idea: technology can profoundly improve our lives and work. As an experienced Business Consultant, I thrive on creating innovative software solutions that solve real-world challenges. Every project is an opportunity to push the boundaries of what's possible, bridging the gap between complex tech and practical applications. Whether leading automation projects or developing compliant software, my goal is to make sophisticated technology accessible and beneficial to businesses and individuals alike. Let's partner to transform your visionary ideas into dynamic, successful realities.

TOOLS I USE

- JIRA / Azure Dev Ops
- Document Mgmt Software
- Quality Mgmt Software
- ERP / MES Systems
- Int. Dev. Environments
- AWS / AZURE / GCLOUD
- Heroku / Vercel
- Docker / Kubernetes
- Windows Mgmt
- Linux Mgmt
- Postman
- Github
- APIs

- Logistik Zentrum Entenbad, Lörrach, Germany: Consulted on the qualification of storage, temperature monitoring and optimization.
- Novartis International AG, Basel, Switzerland: Advised on the qualification of cold storage and temperature monitoring reporting.
- **Glatt Pharmaceuticals AG, Binzen, Germany:** Conducted periodic reviews of all computerized systems and provided recommendations for digitalization and FDA Audit preparation.
- Pfizer Manufacturing GmbH, Freiburg, Germany: Consulted on the implementation of planned IT Systems.
- **Pfizer Research Center Inc, Groton, USA:** Managed a software development project on a Manufacturing Execution System (MES) as SME.
- Abbvie Inc, Lake Forest, USA: Managed a software development project on a MES as SME.
- Abbvie Deutschland GmbH, Ludwigshafen, Germany: Managed a software development project on a MES as SME.
- Regeneron Inc, New York, USA: Managed a software development project on a MES as SME.
- Roche Diagnostics GmbH, Penzberg, Germany: Assisted in the transfer of laboratory automation technology from Roche to University Hospital Zürich.
- Foundation Medicine GmbH, Penzberg, Germany: Facilitated the transfer of laboratory automation technology from Foundation Medicine to University Hospital Zürich.

SENIOR DIGITAL BUSINESS CONSULTANT

- Takeda Pharmaceutical, Tokyo, Japan: Oversaw the development and validation of a GxP-compliant project, maintaining Data Integrity throughout all phases.
- **Microsoft Corporation, Redmond, USA:** Contributed as a Subject Matter Expert (SME) to the creation of Microsoft's PowerPlatform GxP Guides, providing knowledge on cloud validation best practices.
- IDT Biologika GmbH, Dessau / Rosslau, Germany: Successfully led the GxP validation of a scientific instrument over a 6-month period.
- **Takeda Pharmaceutical, Tokyo, Japan:** As QA Lead, oversaw the development, delivery, and validation of a pilot project using Microsoft's GxP Power Platform.
- **Boehringer Ingelheim AG, Ingelheim, Germany:** Provided IT and compliance testing support for the validation of the Veeva Document Management System.
- Solvias AG, Kaiseraugst, Switzerland: Managed periodic reviews of computerized systems, ensuring Data Integrity and regulatory compliance across the company.
- Novosupply AG, Allschwil, Switzerland: Project-managed the validation of a Document Management System.
- Abel Systems AG, Allschwil, Switzerland: Provided consultancy services to analyze and improve the company's Quality Management System.



www.arturmarkus.com