Freelancer Profile

Axel Lomosik

Work experience in the IT business covering a wide range of expertise:

- **IT project and program management** from developer to the CIO

- **Transitions and Migrations** of Infrastructures, Applications, Processes, IT Security and Data

- **Microsoft Products** for Clients, Server and in the Cloud, from concept to hands-on

LOMOSIK
Commercial Service Provider

Personal Details

Name	Axel Lomosik
Date of birth	05.09.1967 (53)
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Profile

[Axel Lomosik] has been a self-employed and independent consultant since 1997 with a broad network of clients, companions and experts, from developers to CIOs. He regularly receives long-term assignments and is gladly called in again by his clients for new projects.

Clients appreciate his methodical yet pragmatic approach as well as his enormous perseverance in consistently achieving project goals, even in technically very difficult constellations. As a technical project manager, he is the driving force and/or valuable and loyal support for department and programme managers.

He is adept at planning quickly, classically or agilely, recognising risks, convincing and mobilising existing capacities and skills of internal teams and managing service providers. He loves what he does - without being technology-loving, adapts, assimilates and constantly develops himself and others. Teams appreciate his technical skills as well as his open and level-headed communication style, coupled with a dry sense of humour.

A strong tech all-rounder with a focus on Microsoft technologies and products, he is also increasingly involved with O365 and Azure as a whole. With his hands-on mentality, he built his own in-house data centre away from the project hustle and bustle at his GmbH and today develops white-label software in the field of geofencing together with other freelancers.

Professional Development

1997 to date	Freelance work for myToys/OTTO (multiple), ITERGO, Syntax/exFreudenberg-IT, Liebherr, Thyssenkrupp (multiple), TÜV-SÜD, T-Systems, United Internet / 1&1 (multiple), Arvato Infoscore, Bahn, Deutsche Bank, Deutsche Telekom, Arcor, O2, Bankgesellschaft Berlin, Postbank, Sparkassen data centres, o.tel.o
2000 to date	Managing Director of LOMOSIK C.S.P. GmbH
1989 - 1996	Different employments with Fiducia, CompuNet, and Berliner Volksbank
Certificates Microsoft (new)	**PRINCE2 (Foundation & Practioner), ITIL v3 (Foundation) https://docs.microsoft.com/de-de/users/axellomosik-3745/**

2009 – today: Transition & Transformation

Project manager
for the O365 integration of a subsidiary company
at a large German e-commerce company

Project manager
for O365 integration of multiple subsidiary companies
for a German-Northamerican-Canadian cloud service provider

Project manager
for ITSM integration of subsidiary company
for a German insurance

Project manager
for integration of subsidiary companies
for a German internet provider

Project manager
Mass Rollout
at an international active German industrial company

Specialist
for Portfolio and Project Management Tooling
for a German telecommunication company

Project manager
for new DSL order line & IPTV
for a German telecommunication company

Project manager
data migration and data synchronization
for IT service provider at a vehicle certifier

QA manager
Implementation of sensitive e-mail infrastructure
in a development program for a German internet company

Program manager, then **Head of Development**
e-mail, storage and apps
for a German internet provider

Multi project manager
Data centres and corporate-wide UTF8 migration
for a German internet provider

Migration specialist
System replacement
for a German disclosure and scoring company

1999 - 2008: Contact Center (Banking and Telecommunication)

1994 - 1998: ITIL / ITSM (Banking and Data Centres)

Projects and Experience

As a self-employed entrepreneur

2003 – to date

Development and operation of data management platform
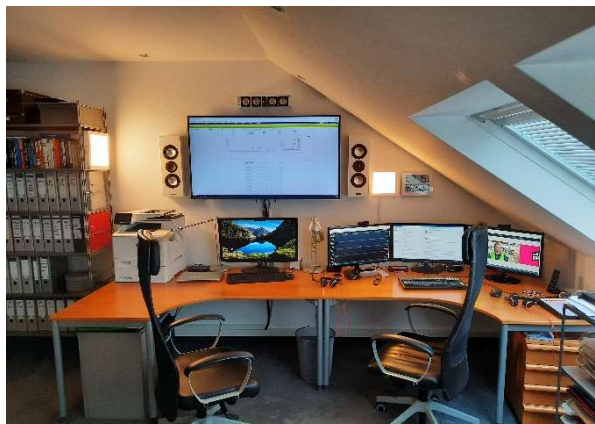*in the own building*

- **Inhouse Data Center**
    - Building Security, Video Surveillance, Alarming
    - Fire Prevention, Air Condition, Power Supply, Building Automation

- **Software Development**
    - Geo Data, Geo Fencing and Addresses
    - Freelancer Network (professional DBAs, Nerds, Enthusiasts)

- **Database Operation**
    - Backend Development with Microsoft SQL Server 2005 to 2016
    - App development in **AZURE DEVOPS**

Azure
Operations

Big Data
Microsoft SQL

App
Development

Due to the current **Corona crisis** all project work can only be done remotely from home.

On the attic floor of our own building there are three fully equipped IT work spaces with headsets and cameras.

The Freelancer
(Managing director of own GmbH with 1 employee subject to social security contributions)

<u>03.2021 – (05.2021)</u>

Project manager and Architect of a M365 pre-project *for a German airport*

- **Structuring of a M365 program** according to PRINCE2
- Analysis of IT roadmaps (2 years) and identification of project dependencies
- Coordination of the project scope to Azure, Power Platform, D365 Dynamics and DevOps **with CIO and executives** as well as IT teams, lawyers and buyers
- Requirements engineering and creation of sub-projects and business cases on
  - **Technology** (Azure AD, Multi-Tenant, Cyber Defense Center & ATP & Sentinel, Clients & Zero Trust Strategy & OneDrive & Endpoint Management (AutoPilot/Intune/Configuration Manager), Exchange & Online Protection, Teams & SBC & ExpressRoute, SharePoint, Power Platform, Azure DevOps, Rollout central & affiliates)
  - **Governance** (Data Protection, AAV and VVT according to DSGVO, US Cloud Act, IT Security & KRITIS, Azure Risk Analysis, Licenses & Enterprise Agreements, Works Council, Product Owners & Evangelists & Boards)
  - **User Adoption** (communication, champions program, empowerment).
- Project proposal generation and resource allocations (Clarity)

<u>04.2020 – 01.2021</u>

Project manager for the O365 integration of a subsidiary company into the group entity *at a large German e-commerce company*

- **Planning and control** in cooperation with Group-IT
- Sub-project manager for technology, governance and user adoption
- Interface to Legal, HR, Works Council, Data Protection, ISO and IT Support
- Cautious migration procedure under Corona conditions (home office)
- **E-mail migration** and **Tenant 2 Tenant migration** with different tools
- Development of an info hub with links to all licensed products; for beginners, champions, developers and administrators; access to documentation, certificate courses up to training courses lasting several weeks; multilingual
- Contract and licence management
- Implementation of **special protective measures** (Azure Internet Protection) for collaboration with employees in non-EU states as well as within the EU (Business Secrets Act)
- 2,000 employees directly, 40,000 employees in the group
- Project languages: **English**/German

  with the same customer

Project manager Windows10 upgrade
Project manager Virtual Desktop Infrastructure
Project manager for the development "New Data Center"

- Hardware tenders > 100 T€, setting up client fuelling, recruiting student assistants
- Development PoC for cost-effective modernisation of existing **VDI** components (Windows-based)
- Coordination of phased delivery of **HPC hardware** (Dell VxRail, 3-node and stretched cluster) to the **data centre (e-shelter)**

- Extension of the fibre optic cabling and increase of the backbone bandwidth to 25 Gbit between three fire compartments, connection EVPN and BGP
- Support of the first **migration projects** when purchasing the new hardware (Shop-DB, Oracle eBusiness Suite)

01.2019 – 10.2020

Project management for ITSM integration of subsidiary company
for a German insurance

- **Carve in** process integration into existing **ITSM processes** (incident, problem, change, foundation data, configuration items) close to **ITIL V3**
- Technical development of modern interfaces between BMC Remedy and Atlassian Jira based on restful APIs
- Release planning and coordination with other projects on the roadmap
- Budget and controlling with **Clarity (PRINCE2 project)**
- Test case management (HP ALM)
- Customer own phase planning and gating process
- Project hyper care phase in Q1.2020 (part time, remote)
- Project languages: german/**english**

  with the same customer

- **Technical reordering** of network zones, data center and internet connections for future connections of further international affiliates and suppliers
- ISPL4 compliantand high security requirements including strongly supervised sign-off processes by ISOs plus professional PEN testing

08.2019 – 03.2020

Project management for O365 integration of multiple subsidiary companies
for a German-Northamerican-Canadian cloud service provider

- Draft of an Azure **tenant to tenant migration strategy**
- Harmonizing of O365 services (Outlook, Skype, Teams, SharePoint on premise/online, Exchange on premise/hybrid/online)
- Draft of an AD migration strategy
- Draft of a client migration strategy
- Internal license contract decoupling and negotiation of a new **Microsoft enterprise agreement**
- Planning, team steering, budget & controlling, report tot he CIO
- Project languages: **english**/german

04.2018 – 12.2018

Project management for integration of subsidiary companies
for a German internet provider

- Project 1: **Carve out** contact center (Conception)
- Project 2: Modernization CRM Case Interface (conception/implement.)
- Project 3: **Re-Branding** of a division (Implementation)
- Project 4: Discharge of a CRM database with **multi billion records to fulfill legal and compliance like HGB/DSGVO** requirements (conception/prototyping)
- Project 5: client based HW inventory of contact center suppliers (conception/prototyping)

01.2018 – 03.2018

Azure & O365 Proof of Concept
for own Business

- **LAN/WAN connecting Azure**
  - IPSec Tunneling, Routing, Firewalling, Site to Site scenarios
- Migration AD from Windows Server 2008R2 to Windows Server 2016
  - Azure AD synchronization, adoption rules
- **Migration from Exchange 2010 to Exchange 2016**
  - Edge synchronization
  - Moving mailboxes to O365
  - Hybrid operation
- Setup of Azure Server with SQL
  - Setup of **databases in streched modus**

10.2017 – 12.2017

Miscalleneous

- **Senior SQL Consulting** *at a German / international industrial company*
  - Performance analysis and **optimization of a sales application**
  - 500 concurrent users
  - Introduction of and end to end measurement system

- **Multi project management** *at a German telecommunication company*
  - Recurring customer, short term support during capacity drain (PRINCE2 projects)
  - IPTV 2.0
  - Fraud detection interface
  - **Simulators at supplier interfaces**
  - Migration JBoss4/JBoss10

06.2016 – 12.2017

Project manager Mass Client Rollout, then Project Manager, Architect and Developer Master Data Management *at a German / international industrial company*

- Supplier Management
- Manual inventory of 200 locations in DE, 30.000 employees
- Automated **inventory (Scan) of locations** and quality assessment of data
- Quality control of tool chain
- Support for internal **process designs** and organizational development (ITIL, Order an fulfillment)
- Support of "Future Workplace Services" "Future Mode of Operation" of **Windows 10 Migration**
- Unterstützung bei der Erstellung eines **Cloud-Entwurfs (Azure)** für AD, Windows-VMs, MS-SQL und Office 365 (O365)
- Drafted and implemented (SQL programming) of **multi-client ETL** to prepared and enriched Master Data to be transferred to suppliers – 5,000 lines of code
- Drafted and implemented (SQL programming) **Configuration Management Data** (CMDB) – 3,000 lines of code
- Drafted and implemented (SQL programming) multi-client Asset Management and scheduled to support complex mass email migration for 120,000 employees – 6,000 lines of code

04.2015 – 05.2016

Specialist for Portfolio and Project Management Tooling
for a German telecommunication company

- Requirements analysis
- Identification of promising **solution providers (PlanView)**
- Setting up and maintaining a testing environment
- Process design and configuration of software solutions
- Developed business cases
- Reviewed contracts and supported negotiations (US licensor)
- Prepared team for roll-out
- > 650 employees, > 170.000 PT p.a., > 30 project managers

04.2014 – 03.2015

Project managment for new DSL order line & IPTV *for a German Telecommunication company*

- Replaced former project manager (board decision)
- Rescued of **4.000 PT development effort** and finalization
- Re-Planned and and headed operation of integration and E2E quality control
- Central point of escalation, reported to board of directors
- Coached PMs on follow-up projects: Vectoring & IPTV
- **Agile Development (Scrum)**, 12 teams involved, 25 members of core team
- New process management platform (Camunda)
- Secured in-time ramp-up start (PRINCE2 project)

01.2014 – 03.2014

Project management Data Synchronization and SQL specialist
for IT service provider at vehicle certifier

- Architecture for **synchronization solution** with 4,500 local databases as a foundation for an emerging application with 250 tables
- Evaluation of Microsoft Service Broker as a communication and messaging framework, some proof of concept coding
- Evaluation of an SQL-based workflow engine

03.2013 – 12.2013

Project management Data Migration and SQL specialist
for IT service provider at a vehicle certifier

- **Development of a migration toolset** (SQL, Microsoft Integration Services) for the migration of a legacy application with 250 tables and a staggered rollout.
- Implementation of linked servers (old and new systems) for generic collection of schema data and automated **construction of meta-objects** (tables/columns) in intermediate instances
- Facilitation of workshops for modelling the transformation rules

11.2012 – 02.2013

SQL specialist
for a hospitality management company (shortened)

05.2012 – 10.2012

QA manager
for a German internet company

- Managed test activities
- Developed **release management** and deployment processes
- Training architecture concepts such as authentication, authorization, data centre zoning, e-mail encryption and signatures
- Integrated program QA into **company-wide QA platform**
- Developed requirements engineering processes
- Managed public launch of pre-registration
- **Highly secured e-mail product** in accordance with national De-Mail law
- Supported ramp-up of **two new data centre locations (e-shelter and Equinix)**, per location: 4 cages, 200 servers each)
- 12 members of core QA team

08.2011 – 04.2012

Program manager, then Head of Development "WebDesk, E-Mail/Collaboration and Storage" *for a German Internet company*

- **Managed front-end development** of an integral customer portal (e-mail / OpenExchange, online office / ZoHo, online storage, apps, widgets, business market place, integration of other customer portals)
- Managed two domestic development teams and projects for integrated products
- Managed one **off-shore team** for apps and widgets (Romania)
- Communicated with product management, suppliers, requirement engineers, QA and release managers, members of user experience, Scrum masters, responsible developers and IT operation managers
- Created use cases and user stories, handling impediments
- Defined technical and non-functional requirements
- Transferred from "beta" to production, reduced technical debts
- Defined launch strategy with board of directors
- Ramped-up hardware for high-volume production in the EU and the US (> **20 Mio monthly active users**), ramped-up pre-live environments and DB clusters for logging and reporting
- Analysed performance and optimised for international usage
- **Architecture of the whole hosting stack (IaaS, PaaS, SaaS**, technical front end strategy), participated in architecture and application boards, planned displacement of legacy systems with enterprise architects
- Annual budget planning and controlling, Recruitment
- Functional supervision, **responsible for staff and budget**
- 45 members in core teams, 50 members of internal suppliers

06.2010 – 06.2011

Multi-project Manager
for a German Internet company

- Geo redundancy projects
  - **3 data centre locations in the EU and the US**
  - Software development with Linbit, Austria (DRDB)
  - Shared and dedicated hosting Linux, Windows, databases
  - Installed redundancy hardware (200 blade centres, iSCSI)
  - Analyzed and calculated backbone bandwidths between **domestic and international DC** locations considering massive growth of replicated data
  - Reorganization (un-netting) of system relationships
  - Blueprint of a cloud management system
- Company-wide UTF8 code migration
  - Ramped-up **virtualized QA server landscape** for end-to-end tests (250 server, 170 main business characteristics, 8.000 test cases
  - Extended virtual platforms (VMWare, NetApp)
  - Installed hardware for „shadow production" (5x SUN M9000, HDS)
  - Conception of new/changed data traffic and changed bandwidths in certain DC areas
  - Extended DC data backbone with local dark fibre connections to a **new DC location and partial DC moves**
  - Migrated the RDBMS ISO backends (Sybase, 4.000 databases, 1.000 users, 8 million lines of SQL code)
  - Migrated the BI backend infrastructure (Sybase IQ)
  - Developed concept for code migration for product enabler systems
  - Developed a catalogue of services, OLAs and SLAs of database administration department
  - Extended processes for incidents, problems, changes, releases, and deployments, introducing a new company-wide release management
  - **Concept cut-over (in a single night) and fall-back**
- Functional supervision and budget responsibility
- 25 members of core teams, 80 members of extended project teams, **15.000 PT**

01.2009 – 06.2010

Migration specialist
for German disclosure and scoring company

- Developed migration and rollout scenarios for data, network components, systems and groups of customers
- Analyzed business processes of old and new application systems and data models in Informix und MS-SQL
- **Designed and developed a synchronization automatism**
  - 30,000 lines of code as stored procedures (MS-SQL) as a finite state machine
  - 200 million. records of data per system
- **Built a data warehouse** with Microsoft SQL Server 2008 R2 Enterprise Edition
  - **1 bio. records of data**

04.2008 – 09.2008 **Telecommunication Specialist** *for a leading German logistics company*

05.2008 – 08.2008 **Project management for RfP request for proposal of a managed service provider for a contact centre EMEA** *for a leading German multichannel bank*

02.2008 – 03.2008 **Performance analysis** *for a German telecommunication company*

02.2007 – 12.2007 **Project management modernizing a public directory service (118..)**
for a German telecommunication company
- 1st project: Created a new database software and system to store and modify 60 mio. **directory data** (Java/J2EE, Oracle 10g, RAC clusters, SUN E20K/Solaris 10, TomCat, SOA integration, MQ Series, batch network, addresses, phone numbers, geo data)
- 2nd project: Created a new retrieval software for agents and **modernized contact center infrastructure** from TDM to VoIP for 1,700 agents (Java/J2EE, Oracle 10g, RAC clusters, Linux, Avaya)
- 20 members core team, 150 members extended project team, **10.000 PT p.a.**

04.2005 – 12.2006 **Advisory and project management in implementation of a virtual contact center platform with a complex IVR** *for a German telecommunication company*
- Replace legacy system with **software-based telephone system**
- **Sophisticated voice portal in record time**
- 1.5 million calls per month, 8 million EUR budget, 850 internal and external agents (5 service providers at 10 locations)
- 15 members core team, 35 members extended project team, 8.000 PT

10.2004 – 02.2005 **ITIL Release management at rollout and migration of infrastructure components in decentralized call centers** *for a German telecommunication company*

05.2002 – 12.2003 **Consulting and project management in deciding on a ticketing system and task force management of a delayed database project** *for a leading German multichannel bank*

10.2002 – 12.2002 **Proof of concept (feasibility study) for IVR integration and system architecture for contact center** *for a leading Berlin bank*

09.1999 – 04.2002 **Consulting and project management of a decision-making process and realization of a computer telephony solution** *for a leading German multichannel bank*
- **New technology stack for Telephony Banking**
- 5.0 million calls per month, 1,200 agents
- 15 members core team, 30 members extended project team

1994 - 1998 **ITSM projects for several banking companies and data centres**

1990-1992 Working as a freelancer

1988-1989 DP organization at the Volksbank of Berlin (special areas and computer networks)

1984-1987 Apprenticeship as a bank clerk and a one-year assistant job at the Volksbank of Berlin

1974-1983 Grundschule (elementary school), Realschule (secondary school) and Fachoberschule für Wirtschaft und Verwaltung (Technical college for Economics and Administration)