Stephan **Heuel**

⌂ https://blog.heuel.org | in stephan-heuel

Sum**mary**

Experienced Engineering Manager with over 20 years in system design, data engineering, and team leadership. Successfully integrated modern technology across sustainability and finance, transportation, and environmental projects. Combines technical depth with broad system and domain understanding to effectively coordinate work between engineering, business, and product teams.

Work Experience

Head of Application Software at Fotokite, Zürich (May 2025 - Present)

Leading, developing, and coaching the software engineering team, Designing client-oriented software and ensuring timely project delivery , driving architectural decisions and leading strategic initiatives to scale the company and its products.

Executive Director and Office Head at MSCI, Zurich (March 2021 - Present)

Integration of a startup-team into the corporate environment and leading a team of over 20 software engineers across multiple locations, launch of multiple innovative climate risk and impact models for 10'000+ companies. Implementing agile practices for a cross-functional team of 70 researchers and engineers. Fostering 2x growth in the Zürich office across all disciplines.

Partner and Head of IT Consulting and other roles at EBP Switzerland, Zurich (Jan 2002 - Dec 2004, Jan 2007 - March 2021)

As partner and member of extended executive management, co-responsible for IT sector growth from 25 to 40 people. Founded new IT consulting division in 2019, serving key accounts including SBB, Migros and Swissgrid. Led geoinformation and data science team, focusing on transport sector projects and geospatial integration. Developed GIS infrastructure for SBB and MeteoSwiss and led numerous client projects in software architecture and business analysis.

Assistant Professor for Mobile Mapping at ITC, University of Twente, Enschede (Jan 2005 - Dec 2006)

Conducted research in computer vision with image and radar sensors, advised doctoral students, and taught programming to master's students. Published papers on flood map extraction from aerial imagery.

Education

Ph.D. in Geomatics, University of Bonn   *Germany*

MSc in Computer Science, University of Bonn   *Germany*

Skills

Data Engineering & AI	Python (Pandas, NumPy, Scikit-learn), ETL Processes, Machine Learning and Generative AI
Business Process Management	BPMN, UML, Process Mining, Low-code Platforms, Digital Transformation Strategies
Software Development	Python (Data Science Stack, Web Stack), Code Quality Assurance, Version Control (Git)
GIS & Geospatial Technologies	Open Source GIS (QGIS, PostGIS), ArcGIS Platform, Spatial Analysis, Web Mapping Services
Cloud Computing & Architecture	Cloud Architecture in Azure, AWS, GCP, Enterprise System integration
Leadership & Consulting	Cross-functional Collaboration, Agile Development, Strategic Consulting, Design Thinking

Out of Office Activities

2013 – 2022	**Co-founder and Organizer of the GeoBeer Network Switzerland,** GeoBeer is a professional network of over 500 people interested in geography, GIS, cartography, and current technologies. With a newsletter, social media activities, and quarterly meetings, the exchange of ideas is promoted. Events take place throughout Switzerland and are sponsored by companies or organizations.	*Zurich*
2016 – 2021	**Chairman of the Board of the Childcare Organization Verein FEE.,** The Verein FEE in Meilen offers high-quality, family- and school-complementary care services for children from four months until the end of primary school. The services include daycare centers, student clubs, and the placement of day families. The association employs 140 staff members.	*Meilen*