

Resume

Dr. Andreas Thomas Bachmeier, MBA



Finnländische Str. 7
10439 Berlin, Germany



+49 (0) 162 950 3868



andreas.bachmeier@cdi.eu



December 14th, 1993 in Munich



"As an engineer and scientist with an entrepreneurial mindset, I strive to improve people's lives through technological innovation."



Education

05/2021 – 03/2022



Collège des Ingénieurs, Paris, Munich, Turin [\[link\]](#)

Master of Business Administration (MBA)

Highly selective international MBA for STEM graduates, offered in partnership with top European companies. Focus: business, leadership, and entrepreneurship

10/2018 – 11/2021



Ludwig-Maximilians-Universität Munich | Munich Medical Research School [\[link\]](#)

Dr. / Ph.D. Biomechanical Engineering

Completed PhD (summa cum laude) focused on computational modeling, data analysis, system development, and biomechanical testing. Outcomes include two first-author publications [\[link\]](#), a patent (co-inventor), and a dissertation [\[link\]](#).

04/2016 – 09/2018



Technical University of Munich | Department of Mechanical Engineering [\[link\]](#)

M. Sc. Mechanical Engineering; Final Grade: 1.4

The aim of the master's program in Mechanical Engineering is to educate students in fundamentals of engineering science. Focus: medical engineering, embedded systems, computational modeling

07/2017 – 12/2017



Nanyang Technological University, Singapore [\[link\]](#)

Visiting Student at the School of Chemical and Biomedical Engineering

NTU Singapore is regularly listed among the top 15 universities in the world. The focus was on product design and ergonomics.

10/2012 – 03/2016



Technical University of Munich | Munich School of Engineering [\[link\]](#)

B. Sc. Engineering Science; Final Grade: 2.1

The intensive bachelor's program in Engineering Science conveys broad HW & SW engineering knowledge and thorough knowledge of mathematics and the natural sciences. It requires 210 ECTS.

Work Experience

From 02/2023



ZEISS Digital Innovation [\[link\]](#)

Health & Life Sciences | Solutions Enablement Team Lead & Senior Solution Specialist

Joined as a Senior Solution Specialist, driving digital innovation and AI adoption in health and life sciences including prototypes for AI-based systems [\[link\]](#). Led complex presales initiatives and projects across consulting, solution architecture, and product management, while guiding interdisciplinary teams in R&D with a focus on innovative edge and cloud components [\[link\]](#).

Promoted to Presales Lead (June 2024) with functional responsibility for client engagements and presales operations overseeing presales activities, resource allocation, and process optimization to ensure scalable, high-impact solutions for clients. From June 2025, I took full disciplinary leadership as Solutions Enablement Team Lead and became part of the management team.

From 04/2022

BANTHO

06/2021 – 02/2022



08/2019 – 04/2021



06/2020 – 12/2020



02/2018 – 04/2021



10/2015 – 03/2016



BANTHO Official and other Ventures [\[link\]](#)

Founder

Building e-commerce and SaaS businesses | Please click [\[here\]](#) for more information.

MTU Aero Engines [\[link\]](#)

Business Development | Innovation Manager / Consultant

As an Innovation Manager, I drove business development by aligning corporate foresight with emerging tech trends. I led startup collaborations, strategic partnerships, and innovation projects, while supporting consulting, process development, and SaaS integration. I regularly presented insights and strategic recommendations to the board to ensure alignment with long-term goals.

Rostock University Medical Center [\[link\]](#)

Biomechanics and Implant Technology Research Laboratory | Research Associate

As a Research Associate, I led a research initiative to advance implant systems and 3D ultrasound imaging. My focus was on experimental biomechanics and developing 3D modeling pipelines to generate synthetic data for training deep learning algorithms in ultrasound image segmentation.

Hospital of the Ludwig-Maximilians-Universität Munich [\[link\]](#)

Department of General, Trauma and Reconstructive Surgery | Research Associate

As a Research Associate, I developed patient-specific surgical techniques using advanced modeling, CAD, and additive manufacturing. I led testing, validation, and project coordination to ensure precise, timely outcomes.

OT Medizintechnik (MedTech Startup) [\[link\]](#)

Research & Development | Project Engineer and Master's Thesis

As a Project Engineer, I secured funding, built strategic partnerships, and managed IP, product development, and IT architecture. I led project management to deliver scalable solutions aligned with stakeholder goals. I also wrote my master's thesis on innovative implant technology and simulations.

LivaNova Germany [\[link\]](#)

Field Service Support in Cardiac Rhythm Management | Intern

As an intern, I supported business development, marketing, and sales while providing technical support and customer service. The role strengthened my strategic and client-facing skills.

Awards

07/2020 – 04/2021

PhD Scholarship of the FAZIT Foundation [\[link\]](#)

10/2012 – 05/2019

Scholarship – German Academic Scholarship Foundation [\[link\]](#); Deutschlandstipendium [\[link\]](#)

Skills

IT	Office: Microsoft Office	<i>Routine Application</i>
	CAD: Autodesk Inventor, Catia, Netfabb etc.	
	Design: Photoshop, Illustrator, Blender, Sculptris	<i>Basic to Routine Application</i>
	Other: Eagle, SPSS, Itonics, Miro, Jira, ADO etc.	
Languages	Programming: C++, Matlab, Python, JS, HTML, CSS	
	English	<i>Business fluent – C1</i>
	German	<i>Native Language</i>

Interests

Private Training

Investing, Design, 3D Printing, Mechatronics, Machine Learning, GenAI, Entrepreneurship, Web Development, Product Management – Find out more about my projects [\[here\]](#).

Berlin - June 10, 2025

ABachmeier