

# Resume

Dr. Andreas Thomas Bachmeier, MBA



Finnländische Str. 7  
10439 Berlin, Germany



+49 (0) 162 950 3868



andreas.bachmeier@cdi.eu



December 14<sup>th</sup>, 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** [\[link\]](#)

**Innovation in Health & Life Sciences | Presales 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 additional functional responsibility for strategic client engagements and presales operations overseeing all presales activities, resource allocation, and process optimization to ensure scalable, high-impact solutions for clients. From June 2025, I will take full disciplinary leadership as Presales Team Lead and be 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 in Biomechanics and Implant Technology, I led a large-scale research project focused on experimental biomechanics, 3D modeling, and 3D ultrasound imaging to advance implant technology and synthetic data generation.

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

## Interests

Private Training

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

Berlin - May 29, 2025

*ABachmeier*