

Ferdinand Berger

Dipl.-Ing(FH), MBA

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ABOUT

Engineering project manager with a strong background in automotive and mobility engineering. Experienced in leading cross-functional teams across Europe, Asia and Africa throughout the full product development lifecycle - from concept to product launch and aftermarket. Combining solid engineering expertise with business acumen (MBA), I focus on delivering structured, high-quality development projects in complex environments.

EXPERIENCE

Berger Automotive Ingenieurbüro

Self Employed

05/2022 - current

- ✓ Project management and Systems Engineering in the automotive and industrial equipment industries.
- ✓ Consulting in the field of development processes and testing.
- ✓ Lead Engineering and operative complex product development in international environments
- ✓ Recent Engagements:
 - ETGroup - Design Engineering | 07/2026
 - Auner Ingenieurbüro GmbH - Product Concept and Strategy | 05/2026 - 06/2026
 - *private Customer* - Handrail design and calculation | 04/2026
 - *private Customer* - Vehicle Headlamp bracket integration | 04/2026
 - *various Customers* - Car Crash Appraisal | 05/2022 - current

KILLWATT GmbH

E-Bike Development (Regensburg)

07/2024 - 01/2025

- ✓ Defined system requirements and verification (DV) structure for an innovative, patented eBike drivetrain
- ✓ Reviewed and optimized the existing designs and technical drawings
- ✓ Developed a multi part tool for encapsulating the windings of the drive motor
- ✓ Drove the optimization of existing and the development of new drivetrain test rigs

WAHU R&D LBG

Consultant and Interim Manager

11/2022 - 10/2023

- ✓ Built up the development organization and standard procedures with the suppliers.
- ✓ Supported the development team ramp-up, by defining the necessary roles and leading the technical interviews.
- ✓ Implemented standard automotive processes (APQP, ASPICE, ISO26262) into the context of the WAHU R&D LBG
- ✓ Supported the C-level in Location, Facilities, and Layout Planning
- ✓ Managed the project scope, of the product development efforts for an last mile delivery vehicle

Streetscooter GmbH

Systems Engineer/ Project Manager Body, Chassis Safety

11/2018 - 03/2022

- ✓ Led planning and coordination of the development activities for the body and chassis systems, ensuring delivery against time, cost and quality targets.
- ✓ Coordinated cross-functional teams and external partners across several concurrent vehicle development projects
- ✓ Standardized the technical requirements with the specific test scenarios for the systems Body and Chassis
- ✓ Managed the containment actions and change requests for the Body, Chassis and Safety systems

Bertrandt/ Ford Werke GmbH

Buckplanner - Prototype Build Planner and Test Coordinator

01/2012 - 12/2016

- ✓ Set up DV testplans and prototype specifications, for CAD/CAE, Component and Buck/Rig testing for more than 20 programs
- ✓ Coordinated prototype builds across multiple international locations (Cologne, Dearborn, Genk) and the global testing activities
- ✓ Optimized the Ford internal planning processes and development of generic tools/ software to improve the prototype planning processes (VEV Technical Achievement Award)

Bühler (Changzhou) Machinery Inc.

Internship Production / Process Engineering

09/2010 - 02/2011

- ✓ Supported the implementation of the "Total Synchro" production system in the final assembly.
- ✓ Developed, built and implemented Kanban, Poka Yoke and Andon solutions, to support continuous improvement
- ✓ Worked in an international manufacturing environment in China

EDUCATION

IU Internationale Hochschule

Master of Business Administration (MBA)

01/2024 - 12/2025

FH Köln

Mechanical Engineering, Design (Dipl.-Ing.(FH))

03/2007 - 11/2011

Thesis: „Development of a migration concept, to transform the 4 assembly line concept into a 3 assembly line concept, considering the aspects for a lean manufacturing approach“ (at *Jungheinrich Moosburg GmbH*)

KEY SKILLS

Project Management System Engineering Requirements Engineering intercultural communication
Automotive Vehicle and Machine Dynamics Grain & Feeding Equipment Lean Manufacturing ISO GPS
APQP/PAPP/FMEA Maschinenrichtlinie English, Spanish, German language

TOOLS/ TECHNOLOGIES

PTC Windchill Siemens Polarion C/C++ Programming MS Office Excel-VBA CAD/ CAE
Certified Solidworks Expert (CSWE-ID: - C-SQAT93KY6F)

Cologne, October 29th 2026