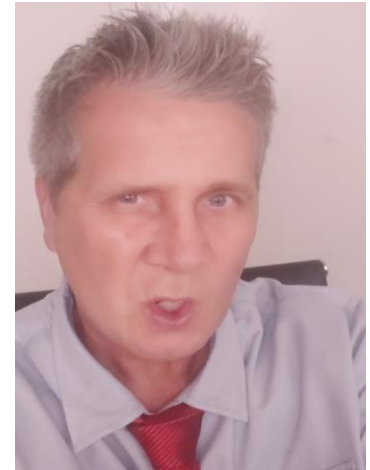# CURRICULUM VITAE

DIPL. – ING. THOMAS BERGHS –

PLANT/BRANCH MANAGEMENT AND

ENGINEERING CONSULTING MEXICO

PERSONAL DETAILS

Full Name:	Thomas Berghs
E-Mail:	thomas_berghs@consultant.com
Website:	www.v5design.de
Mob.:	0052-2228519509
Marital Status:	married
Nationality:	german
Age:	55

JOB OBJECTIVE

Seeking a challenging project in in one of the following areas:

- **Plant Manager / Branch Manager in Mexico**
- **Project Manager in Mexico**
- **Project management / Launch management**
- **Development and Design (Catia V4/V5, Siemens NX)**
- **Training or Consulting with Catia V5**
- **Resident engineer / Product engineer**

PERSONAL PROFILE

Plant Manager / Branch Manager Mexico	7 years of experience in management position with staff responsibility up to 100 people, sales responsibility up to US $ 5 million
	In-depth Mexico experience with knowledge of all necessary processes for site establishment and operation
	Strategic thinking, systematic approach, personality of integrity
Launch Management	Solid experience building product lines in injection molding and JIT manufacturing.
	Experience Tool Transfer China
	Troubleshooting Skillset
Project Management	Control of vehicle components at OEM as resident engineer, participation in SE teams, supplier control, Coordination of toolmaking China and tool transfer
Production experience	Production planning coordinator in new JIT plant in Mexico for series start-up; independent logistics handling for pre-series, 14 months launch support in Mexico AUDI Q5

CAx /PLM-Consulting	excellent knowledge of CATIA V5 and Siemens NX; mastery of all necessary tools and methods (FMEA, Presentation, Office)
	Project leader introduction of 3D-harness routing, VOBES+, Tubing
	Benchmarking / Evaluation / Implementation of PDM system SMARTEAM
	System administration CATIA V5 /Windows Server 2012
Package / DMU experience as Resident engineer	Master-Package front / rear-axle (kinematics- and Package studies with CATIA V5)
	Creation of DMU-Training DMU-Kinematics / DMU Fitting Expert knowledge
	Package of engine for integration of automatic transmission in BMW Mini (Resident BMW) Package Soft Top and trunk new BMW Z4
Design experience:	Design of exterior and interior parts (plastics and body parts), as well as casted and forged metal components
	Project leader for over travel protection Jetta A4
	parameterized chassis components, wire routing
	in-depth knowledge of plastics technology
Trainer / Coach Catia V5	basic and specialized courses DMU, Kinematics, Sheetmetal, Tubing Workshops
Consulting	excellent CATIA skills and knowledge of industrial processes, tools and methods (FMEA, presentations, Office)
Experience in Automotive Production	Coordinator of production planning in a new JIT-plant in Mexico for serial start; Responsibility of Supply-Chain for pre-series, Launch support IP-Panel AUDI Q5 Mexico
International experience	5 years Branch director engineering office 30 months freelance OEM projects in Mexico 14 months Product engineer / Launch support IP panel Mexico 6 months practical course in UK,
Personal skills:	Structured approach, strategic thinking Rapid adaptability to new topics and locations, good mathematic and engineering understanding, cost-conscious, innovative, used to independent work style, high learning ability systematic working methodology team player

EDUCATION

Dipl.- Ing. (Univ.)	**Production technology**
Nov.1988-July1996	Friedrich-Alexander-University Erlangen-Nuremberg
	Final degree : 2.1
	Diploma thesis: process scheme for laser-drilling of clock works (Junghans AG) (Grade 1.3)
	Specialization subjects:
	I Design theory
	II technology of plastics

INTERNATIONAL EXPERIENCE

August 2017-today	Branch director for design office	Puebla/Mexico
Feb2016-May 2017	Freelancer SMP / AUDI Q5	Puebla/Mexico
Dec1999-Dec2001	Freelancer VW de Mexico	Puebla/Mexico
May1998-Jan.1999	JIT plant start-up	Puebla/Mexico
Jun1994-Oct.1994	Practical course at BICC	Newcastle/UK

LANGUAGES

• German	Native speaker
• English	fluent
• Spanish	fluent

WORK EXPERIENCE

B&W Automotive Engineering Mexico	Puebla/Mexico
Aug. 2017- today	**Branch director of engineering office B&W Automotive Engineering (FEV Mexico)**
	Strategic business development, Setup of new business divisions
	Planning , Setup and project lead of a plant for engine hot tests in Silao, Mexico
	Setup of business unit for recruiting specialists for the US market (functional safety, software developers, cybersecurity)
	staff responsibility 75 employees, 5 Mio US$ sales/year
	Management of sales , Engineering, IT , HR and Administration
	General project manager for complete model update of SUV (VW416 PA) and VW316
	Launch of new office for Automotive design in Puebla / Mexico
	Legal issues related to opening of a new branch in Mexico, ISO 9001 introduction
SMP	Puebla/Mexico
Feb. 2016- May 2017	**Product engineer Glovebox compartment + Instrument panel AUDI Q5**
	Launch Support / Project management
	Technical development in coordination with OEM
	Coordination tool transfer, initial samples, toolmaker Mexico (injection molds)
	Prototype coordination / Design modifications
SMP	Munich
August 2015-Feb. 2016	**Component manager Glovebox compartment AUDI Q5**
	Technical Change management Glovebox compartment Audi Q5
	Technical development in coordination with OEM
	Coordination Toolmaker China
	Coordination Tool transfer China – Germany – Mexico (injection molds)

T H O M A S   B E R G H S
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MAN Nutzfahrzeuge		Munich	
Januar 2014-Juli 2015	**CAx-Consulting, Consulting CAx EHI/ELB, VOBES+**		
	VBA-Programming Connector component library		
	Sub-Project manager Introduction 3D-Harness Routing with CATIA V5 EHI+ELB		
	Consulting VOBES +		
AWTCE		Munich	
Mai 2013-Mai 2014	**Systems administration / CAx / PLM- Consulting CATIA V5**		
	Administration OEM–Environment (VW GRC Lite, Audi)		
	Introduction CATIA R24 , License Server administration, Network		
	Implementation PDM-System Smarteam R24 + Training		
Faurecia		Munich	
Juli 2013-Sept 2013	**Freelance Designer for Seats**		
	Design Seat covers (injection molded parts)		
	Optimization for injection molding		
	Kinematics-DMU , Concepts 2. Seat row		
MAN Nutzfahrzeuge		Munich	
Sept 2012-Juni 2013	Coach CATIA V5 / Enovia LCA at dep. Body in White Cabin		
	Coach CATIA V5 / Enovia at department Electrics		
BMW AG		Munich	
Juli 2012-Sept 2012	**Freelance Designer Frontflap module**		
	Design of kinematic Variants		
	Fixing concept and kinematic Design of Frontflap module		
MAN Nutzfahrzeuge		Munich	
April 2010 - Juli 2012	**Coach Catia V5 / methodology consulting Tubing / Electrical Harness**		
	Coach CATIA V5 / ENOVIA LCA cabin		
	Production methods and workshop introduction Tubing / Electrical Harness		
OEM rail systems			
Aug.2009 – March 2010	**Catia V5 design of electric rail vehicle components**		
	Cabin structure, electrical routing, cabinets, DMU		

MAN / IBM		Munich
Nov. 2008-July 2009	**Trainer Catia V5 / OEM Truck**	
	Trainer / Coach Catia V5 Sheetmetal, DMU + Kinematics, ENOVIA	
ZF Lemförder/ BMW AG		Munich
April. 2006-Nov. 2008	**Resident engineer BMW Design Center**	
	Conceptual work, CAD electrical harness routing	
	Package, clearance control of moving chassis components	
BMW AG		Munich
Feb. 06-April 2006	**Creation of kinematic models Front/Rear axle Catia V4 and V5**	
	Kinematic layout of level sensors	
	Design of sheetmetal supports; Calculation of tyre envelopes	
	with Tyre-Clear, Package of Swivel bearing PL6 with 4 derivatives	
	Trainer for 6 Package engineers	
BMW AG		Munich
Sept. 2005-Feb. 2006	**Concepts / Package Rear end E89 (new Z4)**	
	Kinematic studies for soft top (Catia V5)	
	Concepts for separation wall, Coordination of Package meetings	
	Definition of control units (4D-Navigator, Catia V4)	

Benteler AG/ BMW	Munich
Nov. 2003-Aug. 2005	**Resident engineer OEM; Master Package Module Front axle (Catia V5)**
	Clearance approval of chassis (Catia V5 DMU Kinematics)
	Design/Concepts for casted/forged chassis components, Fitting studies, Coordination of suppliers and participation in Package meetings

BMW AG	Munich
April 2003 –Nov.2003	**Resident Engineer** **Integration of automatic transmission in Mini**
	Package of automatic transmission MINI with 4DNavigator and DMU Navigator CATIA V5; arrangement with package department of BMW
	Analysis / modification of motor components (CATIA V4)

MT Technologies AG	Munich
May 2002 – March 2003	**Introduction of Catia V5, basic and methodical training**
	Evaluation of workbench Mold Tooling design (Catia V5), Creation of adaptable Powercopies for automated design of side panel retainers
	Concept and Design of components cockpit panel BMW E81 (Catia 4.2.2, glove case, center console, air ducts)

Kärcher GmbH	Winnenden
March 2002-April 2002	Freelance Design of a multifunctional housing for an industrial high pressure cleaner (low pressure injection molding)

Systemdesign GmbH	Leonberg
Jan. 2002-March 2002	Freelance Catia V5 Trainer, Design of Frontend MB C219 (E-Class Coupe), introduction in Icemsurf

VW de Mexico	Puebla/ Mexico
Oct. 1999 – **Dec. 2001**	**Freelance Designer, Car Body department VW de Mexico**
	Responsibility: Development of Exterior New Beetle Sport (Catia 4.2.2): Front- and rear end, grille, wheel arch cover with ventilation grille, license plate support front and rear, div. cover (PP), Spoiler rear (integral foam), div. sheet metal supports, trim parts, Concept studies
	Coordinator for Project Drive over protection for A4 -Platform (Jetta, Golf A4): Project management regarding costs, schedule, variants and technical changes Design and Package, Design FMEA (professional supervision of four Designers)
	Training of CAD-Designers (Adv. Surfaces, Solids, Kinematics)

Brose Fahrzeugteile GmbH& CoKG	Coburg
Feb. 99–Nov. 2000	**Designer Door modules**
	Design of door modules for Porsche/VW-Project Cayenne/ Colorado
Brose Fahrzeugteile GmbH& CoKG	**Puebla/Mexico**
May 1998-Feb.1999	Coordinator of production planning in new JIT-plant (supervision of 4 persons)
	Certification ISO 9001 and Production-FMEA

	Optimization and preparation of production line for serial start

Brose Fahrzeugteile GmbH&CoKG	Bamberg
Dec. 96-April1998	**Developer in design- and sales-team for door modules (customerVolkswagen AG)**
	Detail design of vehicle components (Catia 4.1.9)
	Preparation and evaluation of new production technology for sealings of wet-/dry zones
	Management of pre-serial logistics- and production of door module Gulf A4 (supervision of 15 workers)
	Creation of MS-Access application for documentation of product life cycle
Nov. 95-Nov. 1996	**Trainee Development**
	Introduction of departments Design, production planning, logistics, at various sites

SOFTWARE SKILLS

• **CAD**	Catia 4.2.2 (10000h)	Advanced Surfaces,	4D Navigator,
		Solids	Drafting
		Kinematics	
	Catia V5 (13000+ h)	Part + Assembly Design	Surfaces (GSD); Drafting
		DMU:	Kinematik
			Space Analysis/Navigator
		Sheetmetal	Fitting
		Mold Tooling Design	Tubing
		Electrical Harness Assembly	FEM (GPS + GAS)
	Solidworks	Assembly Design Sheetmetal	Flächen, Drafting, Solid
	Siemens NX12	Assembly Design Sheetmetal	Flächen, Drafting, Solid
▪ **Office**	MS-Office, MS-Access, MS Project		
▪ **Presentation**	Powerpoint, Adobe Photoshop, Camtasia Studio, Adobe Captivate		
▪ **FMEA**	IQ-FMEA		
▪ **Documentation**	3DVIA Composer		
▪ **PDM-Systems**	VPM (Dassault Systemes)		
	PRISMA (BMW AG)		
	ENOVIA (Dassault Systemes)		
	KVS (Volkswagen AG)		
	Smarteam (Dassault Systemes)		
	Teamcenter (Siemens)		
▪ **Webdesign**	Wordpress, MYSQL		