

CURRICULUM VITAE

DIPL. – ING. THOMAS BERGHS FREELANCE  
 DESIGN SERVICES

PERSONAL DETAILS

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<b>Marital Status:</b>	married
<b>Nationality:</b>	german
<b>Age:</b>	49

JOB OBJECTIVE

Seeking a challenging project in in one of the following areas:
<ul style="list-style-type: none"> <li>▪ <b>Development and Design (Catia V4/V5, Siemens NX)</b></li> <li>▪ <b>Training or Consulting with Catia V5</b></li> <li>▪ <b>Project management / Launch management / Branch director office / small plant</b></li> <li>▪ <b>Resident engineer / Product engineer</b></li> </ul>

PERSONAL PROFILE

<b>CAx /PLM-Consulting</b>	<ul style="list-style-type: none"> <li>• excellent knowledge of CATIA V5 and Siemens NX ; mastery of all necessary tools and methods (FMEA, Presentation, Office)</li> <li>• Project leader introduction of 3D-harness routing, VOBES+, Tubing</li> <li>• Benchmarking / Evaluation / Implementation of PDM system SMARTEAM</li> <li>• System administration CATIA V5 /Windows Server 2012</li> </ul>
<b>Package / DMU experience as Resident engineer</b>	<ul style="list-style-type: none"> <li>• Master-Package front / rear-axle (kinematics- and Package studies with CATIA V5)</li> <li>• Creation of DMU-Training</li> <li>• DMU-Kinematics / DMU Fitting Expert knowledge</li> <li>• Package of engine for integration of automatic transmission in BMW Mini (Resident BMW)</li> <li>• Package Soft Top and trunk new BMW Z4</li> </ul>
<b>Design experience:</b>	<ul style="list-style-type: none"> <li>• Design of exterior and interior parts (plastics and body parts), as well as casted and forged metal components</li> <li>• Project leader for over travel protection Jetta A4</li> <li>• parameterized chassis components , wire routing</li> <li>• in-depth knowledge of plastics technology</li> </ul>
<b>Trainer / Coach Catia V5</b>	basic and specialized courses DMU , Kinematics , Sheetmetal, Tubing Workshops
<b>Consulting</b>	excellent CATIA skills and knowledge of industrial processes, tools and methods (FMEA, presentations, Office)
<b>Project management</b>	Management of vehicle components at OEM as resident engineer, participation in SE-Teams, Project leader for drive over protection cover A4 platform VW

<b>Experience in Automotive Production</b>	<ul style="list-style-type: none"> <li>• Coordinator of production planning in a new JIT-plant in Mexico for serial start; Responsibility of Supply-Chain for pre-series,</li> <li>• Launch support IP-Panel AUDI Q5 Mexico</li> </ul>
<b>International experience</b>	<ul style="list-style-type: none"> <li>• 30 months freelance OEM projects in Mexico</li> <li>• 14 months Product engineer / Launch support IP panel Mexico</li> <li>• 6 months practical course in UK,</li> </ul>
<b>Personal skills:</b>	<ul style="list-style-type: none"> <li>• Rapid adaptability to new topics and locations,</li> <li>• good mathematic and engineering understanding,</li> <li>• cost-conscious, innovative,</li> <li>• used to independent work style,</li> <li>• high learning ability</li> <li>• systematic working methodology</li> <li>• team player</li> </ul>

## EDUCATION

<b>Dipl.- Ing. (Univ.) Production technology</b>	
Nov.1988-July1996	Friedrich-Alexander-University Erlangen-Nuremberg
	Final degree : 2.1
	Diplome 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 new 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

• English	fluent
• Spanish	fluent

## WORK EXPERIENCE

<b>Work Experience:</b>	
<b>B&amp;W Automotive Engineering Mexico</b> <span style="float: right;">Puebla/Mexico</span>	
Aug. 2017- today	<b>Branch director for new design office</b>
	Launch of new office for Automotive design in Puebla / Mexico
	IT infrastructure planning and set-up
	Recruitment and training for 15 CATIA V5 Designers
	Project manager for complete Update of SUV (VW416 PA) – aprox. 200 exterior and interior
	Sales and strategic marketing
	Legal issues related to opening of a new branch in Mexico
<b>SMP</b> <span style="float: right;">Puebla/Mexico</span>	
Feb. 2016- May 2017	<b>Component manager Glovebox compartment + Instrument panel AUDI Q5</b>
	Launch Support / Project management
	Technical development in coordination with OEM
	Coordination Toolmaker Mexico
	Prototype coordination / Design modifications
<b>SMP</b> <span style="float: right;">Munich</span>	
August 2015-Feb. 2016	<b>Component manager Glovebox compartment AUDI Q5</b>
	Technical Change management Glovebox compartment Audi Q5
	Technical development in coordination with OEM
	Coordination Toolmaker China
	Coordination Tooltransfer China – Germany - Mexico
<b>MAN Nutzfahrzeuge</b> <span style="float: right;">Munich</span>	
<b>Januar 2014-Juli 2015</b>	<b>CAX-Consulting, Consulting CAX EHI/ELB, VOBES+</b>
	VBA-Programming Connector component library
	Sub-Project manager Introduction 3D-Harness Routing with CATIA V5 EHI+ELB
	Consulting VOBES +
<b>AWTCE</b> <span style="float: right;">Munich</span>	
<b>Mai 2013-Mai 2014</b>	<b>Systems administration / CAX / PLM- Consulting CATIA V5</b>
	Administration OEM–Environment (VW GRC Lite, Audi)
	Introduction CATIA R24 , License Server administration, Network
	Implementation PDM-System Smarteam R24 + Training
<b>Faurecia</b> <span style="float: right;">Munich</span>	
	<b>Freelance Designer for Seats</b>

<b>Benteler AG/ BMW</b>		Munich
<b>Nov. 2003-Aug. 2005</b>	<b>Resident engineer OEM ; Master Package Module Front axle (Catia V5)</b>	
	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	
<b>BMW AG</b>		Munich
<b>April 2003 –Nov.2003</b>	<b>Resident Engineer Integration of automatic transmission in Mini</b>	
	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)	
<b>MT Technologies AG</b>		Munich
<b>May 2002 – March 2003</b>	<b>Introduction of Catia V5, basic and methodical training</b>	
	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)	
<b>Kärcher GmbH</b>		Winnenden
<b>March 2002-April 2002</b>	Freelance Design of a multifunctional housing for an industrial high pressure cleaner (low pressure injection molding)	
<b>Systemdesign GmbH</b>		Leonberg
<b>Jan. 2002-March 2002</b>	Freelance Catia V5 Trainer, Design of Frontend MB C219 (E-Class Coupe), introduction in Icemsurf	
<b>VW de Mexico</b>		Puebla/ Mexico
<b>Oct. 1999 – Dec. 2001</b>	<b>Freelance Designer , Car Body department VW de Mexico</b>	
	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 , Gulf 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)	
<b>Brose Fahrzeugteile GmbH&amp; CoKG</b>		Coburg
<b>Feb. 99–Nov. 2000</b>	<b>Designer Door modules</b>	
	Design of door modules for Porsche/VW-Project Cayenne/ Colorado	
<b>Brose Fahrzeugteile GmbH&amp; CoKG</b>		<b>Puebla/Mexico</b>
<b>May 1998-Feb.1999</b>	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
<b>Brose Fahrzeugteile GmbH&amp;CoKG</b>	Bamberg
<b>Dec. 96-April1998</b>	<b>Developer in design- and sales-team for door modules (customer Volkswagen AG)</b>
	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
<b>Nov. 95-Nov. 1996</b>	<b>Trainee Development</b>
	Introduction of departments Design, production planning, logistics, at various sites

#### SOFTWARE SKILLS

• <b>CAD</b>	Catia 4.2.2 (10000h)	Advanced Surfaces, Solids Kinematics	4D Navigator , Drafting
	Catia V5 (13000+ h)	Part + Assembly Design DMU: Sheetmetal Mold Tooling Design Electrical Harness Assembly	Surfaces (GSD); Drafting Kinematik Space Analysis/Navigator Fitting Tubing FEM (GPS + GAS)
	Solidworks	Assembly Design Sheetmetal	Flächen, Drafting, Solid
	Siemens NX10	Assembly Design Sheetmetal	Flächen, Drafting, Solid
	▪ <b>Office</b>	MS-Office, MS-Access, MS Project	
	▪ <b>Presentation</b>	Powerpoint, Adobe Photoshop, Camtasia Studio, Adobe Captivate	
	▪ <b>FMEA</b>	IQ-FMEA	
	▪ <b>Documentation</b>	3DVIA Composer	
▪ <b>PDM-Systems</b>	VPM (Dassault Systemes)		
	PRISMA (BMW AG)		
	ENOVIA (Dassault Systemes)		
	KVS (Volkswagen AG)		
	Smarteam (Dassault Systemes) Teamcenter (Siemens)		
▪ <b>Webdesign</b>	Wordpress, MYSQL		