

Customer Project :Date of proposition :Updated : 09/2017Professionnal Experience: > 20 ans**DESIGNER SENIOR****DIPLOMAS**

- 1987 : BTS tooling and production
- 1985 : BAC F1 mechanical design

CONTINUING EDUCATION

- 1990-> 2008: CATIA V3-> V5
- 2004: A.F.P.A-> BTS training in climate engineering.
- 2014: PDM / VPM / WISE training
- 2017: SOLIDWORKS

PROFESSIONAL EXPERIENCES**Since
07/2011****FERCHAU Engineering**Mission at: **Blanc-Tailleur**(Drafting and Design)**Solvay** (Drafting)**Mission at CONTINENTAL AUTOMOTIVE**, sensors division (nov 2015-avril 2017)

- Working in close collaboration with Continental's American teams.
- Adaptation of the new Bluetooth sensor for FORD. -> DHS FORD U554 BL
- First initiated from an existing model, the DHS is 95% new at the end of the first modelling.
- Inclusion of metal parts to the assembly in compliance with the assembly processes imagined.
- Development of SLA prototypes and potting testing of DHS.
- Initial creation and implementation of plastic and metal parts.
- Modelling a1-samples // a2-samples.
- B-Samples in the making.

	<p>Mission at INTESPACE (Jul-Nov 2015),</p> <ul style="list-style-type: none"> ▪ CAD Designer ▪ Definition of tooling test means - follow-up of manufacture and adjustment during the start-up. ▪ Negotiation with subcontracting ▪ Pre-Dim with CatiaV5 RDM module ▪ Preparation of the catalogue drawings. <p>Mission at CONTINENTAL AUTOMOTIVE, sensors division (Jul 2011 - May 2015)</p> <ul style="list-style-type: none"> ▪ Design of metal parts and precision plastic parts (mechatronic) ▪ Define the mechanical concepts of door handle sensors ▪ Good practice of the development tools: AMDEC design, functional analysis, chain of dimensions. ▪ Optimize and justify the design and technological choices, notably by functional analysis, FMEA design, ▪ Negotiation, initiative taking, technical proposal ▪ Participate in the supplier selection process with the Purchasing and Quality departments. ▪ Manage A & B samples development with CAD support and industrialization of mechanical parts in relation to French and foreign suppliers (Germany, Czech Republic, Tunisia) involving telephone contacts on technical aspects. ▪ Follow validation of mechanical components C samples (technical contacts in English with interfaces in Germany) ▪ Customers treated: Porsche, Renault, Volvo. ▪ Approximate average of telcon in English: every 2 weeks
<p>2007 - 2011</p>	<p>THALES ALENIA SPACE</p> <ul style="list-style-type: none"> ▪ Catia V5 CAD design for MLI design ▪ GB2 satellite virtual wiring, preparation of technical doc.. ▪ Successful call for tenders satellite constellation equatorial O3B, architecture + numerous documents. ▪ Study of mechanical subsystems.
<p>2003 - 2007</p>	<p>Independent activity (building)</p> <ul style="list-style-type: none"> ▪ Mechanical repairs, electrical installations, mechanical welding, all building work.
<p>2001 -</p>	<p>DELPHI AUTOMOTIV SYSTEM Luxembourg (International Team)</p> <ul style="list-style-type: none"> ▪ CAD designer Catia

<p>2002</p>	<ul style="list-style-type: none"> ▪ PSA recycling two-way valve ▪ Modelling of composite parts loaded at 60% ▪ Study of mounting tools ▪ Product development / coordination meeting in English: weekly
<p>2000 - 2001</p>	<p>ALCATEL SPACE INDUSTRIES Cannes</p> <ul style="list-style-type: none"> ▪ Drawing simple mechanical parts. ▪ Drawing up mechanical assemblies. ▪ Study of tools. ▪ Study of lifting beam in class 100 000. ▪ CATIA Modelling quotation.
<p>1999 - 2000</p>	<p>ALENIA SPAZZIO Turin (Italian team, exchanges in English and Italian) ALPHA -ISS SPACE STATION</p> <ul style="list-style-type: none"> ▪ NODE 3: Installation of the air circulation system and reprocessing units. ▪ Development of cooling circuits and sewage systems. ▪ Study of storage solutions during launch. ▪ NODE 2: Development study pump delivery, structural study of the honeycomb base.
<p>1998 - 1999</p>	<p>ALCATEL SPACE INDUSTRIES Cannes</p> <ul style="list-style-type: none"> ▪ Process management
<p>1997 - 1998</p>	<p>AEROSPATIALE Méaulte Albert</p> <ul style="list-style-type: none"> ▪ Satellite HISPASAT, architecture and layout. ▪ Various calls for tenders in Telecom satellite with 4000 boxes.
<p>1992 - 1997</p>	<p>FREELANCER AEROSPATIALE SATELLITE DIVISION Cannes 2 years (CATIA) Structural study and development of scientific satellite platforms HELIOS II, ISYS, FIRST, PROTEUS, 4000 and Telecom satellites - K.U band ring on SINOSAT. Installation of heaters and wiring SOGERMA Rochefort 3 months CATIA galleys study, V.I.P equipment C.A.S.O Toulouse 6 mois Dessin CATIA : Drafting - implantation of Structural Hard Points for A320/A321. 1992-1993 G. E .C ALSTHOM Belfort 1 year (CATIA)</p>

	<ul style="list-style-type: none"> CATIA solid and bundle of plans of a turbo-alternator of thermal power station <p>PEAUDOUCE - EXTRUSION St Ouen 3 months</p> <ul style="list-style-type: none"> Study, realization and implementation of bonding machines, motorized unwinders on polypropylene coil recycling line.
<p>1990</p> <p>-</p> <p>1991</p>	<p>AEROSPATIALE Méaulte 1year</p> <ul style="list-style-type: none"> Prepared series, followed by manufacturing, production management. <p>AEROSPATIALE Marignane 1year</p> <ul style="list-style-type: none"> Prototyping for metal parts on Tiger construction site. Implementation of titanium, carbon and aluminium parts. Design and follow-up in the production of static and dynamic tools.
<p>1988</p> <p>-</p> <p>1989</p>	<p>INDRAERO-SIREN 1year</p> <ul style="list-style-type: none"> Fitter: Mirage F1 front landing gear bay. Fitter on A.T.L.2 parts.

TECHNICALS SKILLS

Fields of Competences	Beginner	Operational	Confirmed	Expert
Design, Achitecture.				X
FMEA			X	
Automotive				X
Plastic Injection				X
CAD, Mechanics				
CATIA V5				X
CATIA V4				X
SolidWorks			X	
AutoCAD	X			
PLM Tools (Product Life Management)				
PDMLink		X		
Quality standards				
Configuration management	X			

Aviation and Spatial				
Mechanical Systems				X
Integration Systems				X
Avionics			X	
Engineering Systems			X	
Electrical installation		X		
Special skills				
Hydraulic			X	
Pneumatic			X	
Design				X
FMEA			X	
Automotive				X
Plastic injection				X

LANGUAGES	School level	Professional	Fluent
French			X
English		X	
German	X		
Italian	X		