



**TOP CANDIDATES.  
EXCLUSIVE FOR YOUR**

CROSS BORDER TALENTS | 2021

**Introduction for the  
position: ID:**

Senior Mechanical Engineer  
12165

**Place of Residence** Brussels

---

**Profile**

Quality Engineer/ Design Engineer skilled in 3D CAD, NX, BOM Setup, FMEA and Six Sigma. The candidate has strong background in the automotive industry and made an interesting career path from design to quality, being able to perform both. Areas of expertise: injection molding and plastic parts design, sheet metal design, laser welding for thermoplastics and tooling & part design for automotive glazing.

**Skills & Competences**

- Suppliers Management;
- Project Management;
- Design Team coaching;
- Injection molding and plastic parts design;
- Sheet metal design;
- Laser welding for thermoplastics;
- Tooling & part design for automotive glazing;
- Quality development.

**Application Software**

- Design skills with CAD platform CATIA V5;
- NX, SolidWorks, Creo, SolidEdge;
- CAD PLM: ProIntralink, TeamCenter;

**Education**

2002 - 2003  
MSc in Materials Science and Engineering

1997 - 2002  
Engineering Degree in Materials Science

**Certificates**

- Catia V5 Training;
- Communication skills training;
- Injection molding technology training;

## Work Experience

### **Aug 2017 – Oct 2019**

Quality Engineer

#### **Your tasks/responsibilities**

- Analyze the production changes with regard to the assembly processes and assembly layout with the aim of avoiding quality problems;
- Managing control of non-conforming material or product.

### **Jan 2016 – Jul 2017**

Consultant – Design Engineer

#### **Your tasks/responsibilities**

- Daily use of CAD software Catia V5 and NX 10 for design work (generative shape design, part design, drawings, assemblies)
- Daily use of PDM;
- Internal & external communication, product development.

### **Ap 2012 – Dec 2015**

Tooling Design Engineer

#### **Your tasks/responsibilities**

- Daily use of CAD Software Catia V5 (Generative Shape design, part design, drawings, assembly & DMU Kinematics) for tooling used at different glass bending processes and AVO (Added Value Operations);
- Internal & external communication, product development.

### **Jan 2011 – Mar 2012**

Product Design Engineer

#### **Your tasks/responsibilities**

- Weekly use of CAD software Catia V5 for design work (Generative Shape design, part design, drawings);
- Daily use of PDM TeamCenter;
- Project Management

### **Apr 2010 – Dec 2010**

Product Engineer

#### **Your tasks/responsibilities**

- Daily use of technical calculations (BOMs, work plans), price offers for customers;
- Occasionally use of CAD software Solid Edge ST2 for design work (part design and drawings);
- Communication with internal and external parties, documentation, project management;
- Working with injection molding machines (parameters set up, work instruction editing)
- Injection molding process optimization

# CURRICULUM VITAE

**Jan 2005 – Mar 2010**

Mechanical Designer

**Your tasks/responsibilities**

- Mechanical design using appropriate techniques: plastic part design, sheet metal design, laser welding, pin & paste, tolerance calculation; FEA studies.
- Daily use of CAD software CATIA V5, ProE Wildfire 4.0 and CATIA V4
- Bi-weekly use of FMEA tool APIS and project management with SAP PDM;
- Communication with internal & external parties

## Languages

Romanian – Mother language

English – Fluent

German – Fluent

French - Good

Dutch - Good