

# GREG MAGA

**MECHANICAL ENGINEER**  
6 YEARS EXPERIENCE  
AS DESIGNER, ENGINEER & FABRICATOR

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>>> Prototypes, concept cars, racing cars and special projects engineering specialist <<<

## QUALIFICATION PROFILE

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### DESIGNER

Vehicle architecture  
Chassis/Body design  
Prototype design  
Low volume design  
Racing cars design

### ENGINEER

Project management  
Mechanical innovative solutions  
Mecatronics  
Electric/hybrid engine development  
Transversal engineering

### FABRICATOR

Prototyping  
Low volume tools and processes  
Sheetmetal/mechanical parts  
Fiberglass/plastic parts  
Electronics

## SPECIFIC SKILLS – SOFTWARE – TOOLS

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### Designing

Hand drawing skills

### Engineering

Catia V5 (excellent level)  
Solidworks

### Fabricating

Sheetmetal tools/ Machining skills (lathe)  
Tig & Mig (steel) welding  
Fabrication using composites, plastics, metals

### Language skills :

Fluent French, English , Polish

### Professional & Business :

Managing skills - Relation with clients - Team player

## PROFESSIONAL EXPERIENCE

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### DRAGON-R RACING, France, Founder and president, 03/08 – present

>>Complete racing car development from scratch to a production car

- Successfully designed a competitive, affordable and reliable open wheeler (designed for renting)
- Managed a 120'000 € and 2000 h project with partners and suppliers
- Covered various domains as marketing/definition, planning, budgeting, styling, engineering, prototype building, testing, tools developing and product promotion.

### PEUGEOT AUTOMOBILES/MAGNA STEYR, France, mechanical engineer, 11/07 – 02/08

>>Front axle and suspension prototype engineering

- Managed CAD prototype in collaboration with specialists (FEM calculation, kinematics, NVH)
- Satisfied extra short delays and low budget requirements

### ACREA ZEST, France, project manager, 02/06 - 10/07

>>Small roaster development and industrialization management – Hybrid version engineering.

- Managed development team in engineering and optimizing each part or system of a small roadster project.
- Developed processes and tools for assembly plant (3 lines).
- Designed and engineered a hybrid (gas/electric) additional kit.

### RENAULT SPORT / ETUD INTEGRAL, France, mechanical engineer/project manager, 08/05 - 01/06

>>Production assembly tools engineering and prototyping.

- Designed and engineered chassis fast assembly tool.
- Designed GRP body panels assembly and positioning tool.
- Managed prototype tool fabrication, assembly and set up.

### RENAULT Direction Recherche / ETUD INTEGRAL, France, project manager, 10/04 - 07/05

>>Advanced research projects engineering and prototyping

- Designed, engineered and prototyped mecatronics models in 1/5, 2/5 and 1/1 scales for wind tunnel aerodynamic studies
- Engineered a working, autonomous electric platform/chassis for concept cars applications.
- Successfully managed each project from customer requirements to working model delivery passing by project managing, team working, cad modeling, fabrication monitoring.

ANTONOV AAT / ETUD INTEGRAL, France, project manager, 04/04 - 09/04

>>Innovative gearbox demonstrator engineering and prototyping

- Designed a transparent polycarbonate working, interactive gearbox for Paris Motor Show 2004.
- Engineered a full CAD Catia V4 model from customer study with electric actuators and electronic controlled.

MATRA PININFARINA, France, engineer/internship, 01/02 - 07/02

>>M72 Roadster suspension development and set up

- Developed a Excel suspension calculation tool (Springs stiffness, Antiroll bars, Roll calculations)
- Coordination between studies/engineering and track testing

01 INDUSTRIE motorsports, France, design engineer/internship

>>Racing car (DSR equivalent – FIA group C) engineering and development

- Chassis, suspension central brake drivetrain development in team with drawer
- Fabrication monitoring with suppliers
- Successfully engineered a 75 000 € prototype in 9 months

**EDUCATIONAL BACKGROUND** \_\_\_\_\_

**M.S in Mechanical Engineering / 2002**

ESTACA (Ecole Superieure des Techniques Aeronautiques et de Construction Automobile), France, Paris

French Baccalaureat / 1995

**OTHER ACCOMPLISHMENTS AND ACTIVITIES** \_\_\_\_\_

Amateur car stylist. Highly interested in art.

Short film technician and special effects designer.