

## Bastien COCHÉ

Sofia, Bulgaria

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Date of birth: 29 April 1988

Marital status: Single

Driving license (B)

Mother tongue: French



### Field Follow/product reliability engineer – Last job

Looking for a mechanical engineer, test engineer or general engineer position in Bulgaria  
Motivated, involved, and dynamic, I'm versatile and comfortable for the team work and/or self-study.

## WORK EXPERIENCES

- Since 2014: **CATERPILLAR SA Belgium**: Excavator and wheel-loaders factory  
Field Follow engineer – Excavators follow-up for development and validation  
Gosselies plant, Belgium
- Machine reliability and performance follow-up in real conditions
  - *On the fields*: Supervision of all interventions
- Machine conformity check: Structural, quality, performance, and operator claims.  
Interventions: maintenance, repair, parts and systems replacement and adjustment.  
Issue management: diagnostic in mechanical, hydraulic and electric field  
First Investigation of the root cause: assembly, quality, design etc.  
Fields analysis and issues reported to the design department
- *Dealers support*: Creation of repair, control and rework procedures.
  - Follow-up of the machines assembly lines and assembly process.
  - Communication management with worldwide design departments, suppliers and customers (Europe, Emirates, Africa) about field issues and design improvements.
- 2013:  
3,5 years **UTAC-CERAM Group**, Independent research and test center for vehicles  
Tests engineer apprentice – work/study training program, testing department  
Mortefontaine, France
- *Reliability tests manager*: specific measurement tests, durability tests of automotive fleets and fatigue tests bench projects.
  - *Vehicles Performance tests*: fuel-consumption, braking, engine performance.
  - *Measurement Tests*: instrumentation of vehicle or parts on fatigue bench tests.
- Sensors installation (accelerometers, thermocouple, pressure, distance, displacement, extensometer), install and configuration of measuring chains, results analysis.
- *Team management*: Briefing and training of the test-drivers and mechanics.
  - *Measurement department*: maintenance, repair and calibration of the sensors.
- 2012/13:  
5 months **AKEBONO Europe**, Brake Manufacturer  
Brakes testing Engineer – Practical internship, testing department  
Nardò, Italia & Germany,
- *Tests driver, Mechanic*: performing test procedure and caliper/Pads replacement.
  - *Measure*: Sensor Installation, data-logger configuration, Data collection and post-processing, analysis and test report.
- 2009:  
3 years **RENAULT and CITROËN**, Automotive dealership  
Diagnosis technician and Mechanic apprentice – work/study program  
Annecy, France
- *Mechanic tasks*: maintenance, part/system replacement.
  - *Technician tasks*: Diagnosis on electric, mechanical and acoustic problem. Expertise.

## QUALIFICATIONS

- 2013 **CNAM** (Conservatoire National des Arts et Métiers):  
Master in mechanical engineering, specialty vehicles – work/study program  
Paris, France
- *Topic*: Engineering, scientific, vehicles technologies and team management. The Diploma aims to train team/project manager with a strong base of automotive technology and diagnosis. Half time at the UTAC-CERAM test center as a test engineer.

2010	<p><b>University of Orleans</b>, mechanical department:  <u>Bachelor's degree: automotive system design, controls and tests</u> – continuous program</p> <ul style="list-style-type: none"> <li>▪ <i>Topics:</i> vehicle study, from the design development to the manufacturing and production: the vehicle dynamic, aerodynamic, power train, engine functionality and design, dynamic fluids, CAD-CAM (Pro-engineer and CATIA), material and project management.</li> </ul>	Orleans, France
2007 - 2009	<p><b>IMAA</b> (Institut de la Mécanique Aéronautique et Automobile)          French higher education qualification – work/study program</p> <ul style="list-style-type: none"> <li>▪ <i>Topics:</i> Diagnosis process, vehicle dynamics study, automotive technology overview and after sales organization.</li> </ul>	Cruseilles, France

### TRAININGS & WORK SKILLS

- Professional trainings (since 2011): hydraulic system on excavator, measuring chains configuration and post-processing, chassis dynamometer, Electrics and hybrids vehicles training.
- Main Processes used: Six Sigma, 5S organization and the continuous improvement Kaizen.
- Sizeable experience of mechanics skills (removal and installation) and diagnosis on vehicles, from car to military vehicles and excavators.
- Meaningful experience of onboard measuring chains: instrumentation, analysis and post-processing.
- Engineering drawing: review and reading, specification study (welding, material, plating etc.)
- Beginner experience with design software: Pro-Engineer, CATIA.
- Meaningful experience with Microsoft Office: Excel, Word, Powerpoint.
- English: Intermediate (Advanced Plus)
- English intensive training at the Emerald Cultural Institute of Dublin (3 weeks in 2013)
- Bulgarian: beginner

### PERSONAL INTERESTS

Sports (Regular): French Boxing, Hiking, Football

Travels: Bulgaria - Florida, USA - Germany - Hungary - Ireland - Italy - Netherland - Spain - Switzerland (pro or private)