



*A dynamic approach to  
product development.*

**We are looking to fill the following positions at our office in Cluj:**

## **Structural Crash Computational Engineer Automotive (m/f)**

### **COMPANY DESCRIPTION**

ARRK Research & Development S.R.L. is a part of the internationally recognized P+Z Engineering GmbH. In Cooperation with P+Z Engineering GmbH, ARRK Research & Development S.R.L. is a leading provider of engineering services for the product development process. For over four decades, we have provided active product development support to customers from the automotive, aviation, aerospace, machine-building, energy, special vehicle, and medical engineering industries. Our five areas of competence are Design, CAE & Simulation, Test & Validation, Electrics & Electronics, and Project & Quality Management.

### **KEY ASPECTS OF YOUR JOB:**

- Perform advanced CAE simulations to evaluate and enhance full vehicle crashworthiness performance in conjunction with occupant safety.
- Apply advanced safety/crash methodologies and analysis techniques.
- Create reports and evaluate results.
- Conduct optimization simulations using FEM methods.

In return, we offer to train you in the above software programs, and to give you the opportunity to acquire good knowledge in the area of calculation and finite element methodology, which will be carried out in our own in-house Training & Support Center in Germany. You will face exciting engineering challenges in a modern innovative atmosphere. Training and continuing education are particularly important to us and we can therefore offer you excellent further professional training.

### **YOUR QUALIFICATIONS:**

- You must either be a graduate engineer in vehicle or aerospace technology, mechanical engineering, construction engineering, or you must have had a comparable education.
- Fluency in English or German is a must (written and spoken).
- Knowledge of Finite Element Methods (FEM) is a plus.
- Knowledge of ABAQUS or DYNA is a plus.
- Knowledge of Aluminum and Steel structures for crashworthiness is a plus.

### **INTERESTED?:**

If so, please send us your application with a letter of intention, CV and a copy of your supporting documents in either English stating your salary expectations and earliest possible start date, by e-mail to [career\\_romania@puz.de](mailto:career_romania@puz.de). Please quote the job reference number: RO-CAE-NB-01

For more information about this position, our company or our development methods, please visit our website ([www.puz.de](http://www.puz.de))

### **ARRK|P+Z Engineering**

is a member of ARRK, an international group of companies consisting of 20 firms.

Within this globally active network, ARRK|P+Z Engineering is a firmly established, leading figure in the field of engineering.

We have been assisting and supporting our clients for over 50 years in our areas of competence:

- Design,
- CAE & Simulation
- Testing & Validation
- Electrics & Electronics
- Project & Quality Management

### **Office:**

ARRK Research & Development SRL  
Str. Fabricii de Chibrituri 13-21  
Cladirea ICPIAF  
40025 Cluj-Napoca

### **Interested?**

If so, please email your application document to [career\\_romania@puz.de](mailto:career_romania@puz.de)

*Member of ARRK*

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P+Z Engineering GmbH | Frankfurter Ring 160 | 80807 Munich | [career\\_romania@puz.de](mailto:career_romania@puz.de) | [www.puz.de](http://www.puz.de)