

# Software Engineer (Visualization Functions)

## Náplň práce

We develop a camera-based surround view system as a driver assistance system. Four fisheye cameras provide video streams which are stitched together and reprojected to simulate a 3D environment. The created environment is used to support parking maneuvers and low speed visualisations in real time. You contribute as visualization developer to a highly motivated team with your ideas and innovations.

## Your Tasks

- Participate in project teams for development and application of surround view systems
- Development of visualization features with C++
- Development of software and tools for configuration and calibration
- Porting and optimizing of existing computer graphics functions and features
- Integration and application of computer graphics features
- Technical alignment with project team and customers
- Working in distributed agile development teams with state-of-the-art tools and development environments
- Contributing with own ideas to enhance the product.

## Profil kandidáta

- University Degree or PhD in related field (e.g. computer science, software engineering) or a comparable qualification
- At least 4 years of specific experience in the field of ADAS systems or autonomous robots
- Advanced knowledge and practical experience in C++ and GTests
- Knowledge in computer graphics with OpenGL is an advantage
- Experience with image processing and parallel computing (OpenCL/OpenCV/CUDA) of advantage
- Solid background in camera systems and fisheye cameras
- Practical experiences in scalable architecture
- Experience and passion for agile working methods like Scrum or Kanban are beneficial
- Experience in embedded SW development (V Model) and related tools
- Very good knowledge of English, both written and spoken.

## Čo ponúkame

### What We Offer

- Competitive compensation and a wide range of benefits, including:
  - Bonus system
  - Annual flexible benefit (Cafeteria)
  - Private health insurance
  - Employee discounts



ID pozície  
**REF81519V**

Miesto práce  
**Debrecen**

Úroveň vedenia ľudí  
**Leading Self**

Flexibilita  
**Hybrid Job**

Právnická osoba  
**Continental Autonomous  
Mobility Hungary Kft.**

- Sport pass support
- Continuous development with access to numerous trainings, including technical skills, soft skills and language skills
- Personal career development and a challenging role with end-to-end responsibility
- Opportunity to see your ideas turn into reality with our test vehicles
- Ability to directly deliver software into real, innovative products
- Easily accessible office location.

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## **O nás**

Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machines, traffic and transportation. In 2024, Continental generated preliminary sales of €39.7 billion and currently employs around 190,000 people in 55 countries and markets.