

## Design & Dev. Engineer (M/W)

### **Overview**

**Emovis** is the leading service delivery and technology arm of **Abertis** in the global markets for all electronic tolling and smart mobility solutions (Intelligent Transportation System).

With over **600 employees** across **7 countries**, we are committed to helping millions of motorists travel seamlessly along the world's busiest highways.

The company is 100% owned by Abertis, the **world's leader in highway concessions** (8300 km of roads). This backing makes emovis a long-term and reliable partner for Road Authorities and Highway Concessionaires.

Emovis is focused on keeping roads moving through all electronic tolling and smart mobility solutions. We design, implement, maintain and operate state-of-the-art road pricing solutions, including:

- All Electronic Tolling (AET),
- Open Road Tolling (ORT),
- Multilane Free-Flow Tolling (MLFF),
- Pay-by-Plate Tolling (also known as Video Tolling),
- Non-Stop Electronic Toll Collection (ETC) lanes,
- Road User Charging solutions (also known as Pay As You Drive),
- Nationwide Truck Tolling schemes,
- Congestion Charging Schemes.

### **Responsibilities**

You will be part of our Solution Development Direction.

The Design & Development Engineer (M/W) takes part in creating applications or software modules in compliance with the technical specifications, developments wanted, standards and procedures.

Main activities:

- Drafts the detailed technical specifications, then models the selected solution,
- Develops all or part of the applications or modules,
- Conducts the unit tests on his/her developments,
- Drafts the associated technical documents as well as user documents,
- Manages the configuration of the modules developed,
- Estimates the workloads necessary for the developments entrusted,
- Reports to the Project Manager and/or Technical Leader and /or Workpackage Leader,
- As part of the QSEMS deployed within the company, he/she applies the software development, maintenance and project management procedures,
- Participate to field activities (tests and deployment).

Additional activities:

- Carries out the upgrade maintenance for the module developed,
- Analyses event sheets stemming from validations and makes the necessary corrections.

### **Skills/experience**

In the software areas: Drafting of software specifications. Design method, development, software and system tests and validation. Programming languages C++, C#, .NET

Required knowledge: Development environment, Simulation tools, Network protocols, Distributed architecture, Real time process, Communication.

Language: French (fluent), English (minimum TOEIC 750), Spanish appreciated.

Minimum level of qualification: Scientific Master's (Bac+5) in IT, automatic, computer science, or equivalent professional experience. Ideally 1 (one) year of experience. Beginner: 1st significant experience in a development internship.

### **We are looking for individuals who:**

- Demonstrate a personal willingness to learn,
- Are naturally confident to be challenged,
- Have a multicultural approach (different teams from France, United States of America & Croatia),
- Focus his/her mind with a result orientation attitude ,
- Are proactive and rigorous with great attention to detail.

Qualities required: Autonomy, Team work/Team spirit, Analytical skills, rigour/Organisation, Written communication skills. Ability to travel (temporary geographical mobility)

Location: Paris (Issy-les-Moulineaux)

To apply: Send CV and main motivation to [careers@emovis.com](mailto:careers@emovis.com)

### **www.emovis.com**

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