

## AMADEUS IS HIRING A INTERNSHIP: CODE GENERATOR FOR INTERNSHIP 6 MONTHS.

Date : 26/03/2014

**Job reference :** 2.3215-6041905

**Type of contract :** Internship

**Localisation :** Nice 06000, FR

**Contract duration :** 6 months

**Level of studies :** None

**Years of experience :** 6 months - 1 year

### **Company description :**

"Amadeus is a leading provider of advanced technology solutions for the global travel industry. Customer groups include travel providers (e.g. airlines, hotels, rail and ferry operators, etc.), travel sellers (travel agencies and websites), and travel buyers (corporations and travel management companies).

The Amadeus group employs around 10,000 people worldwide, across central sites in Madrid (corporate headquarters), Nice (development) and Erding (operations), as well as 73 local Amadeus Commercial Organisations globally.

Amadeus is listed on the Spanish Stock Exchange under the symbol ""AMS.MC"" and is a component of the IBEX 35 index."

### **Job description :**

The internship will take place in the Shopping BAsket (SBA) department of Amadeus.

The division we belong to is responsible for developing flight related e-booking applications for airlines, all around the world, both for professional agents and end users by the means of web sites.

The SBA department is in charge of the Shopping basket component inside the booking engine. The Shopping basket is the reservation repository for the traveler, and is used to store all traveler's selections and information, prior to the booking process (shopping) and post booking process (modification/servicing).

Subject: During our development process, our object model is created with an UML editor (Rational Rose). We then use two code generators:

The first creates the POJOs of the object model and some additional classes to store metadata. This generator was not created by our team and is now deprecated.

Another creates various classes around this object model, in particular helpers to merge two objects.

Both generators are difficult to maintain or haven't been maintained for some years. The process of adding a new class to the object model is also longer than it should, due to the use of two different generators.

The goal of the internship is to unify the two generators in a new one with the following characteristics:

Use a more standard and more maintainable solution for the generation like Acceleo.

Enhance the generated classes with generics, code quality enhancement.

Provide a graphical interface.

The trainee will evaluate the existing tools to generate code, design and the implement the solution.

Required skills:

Java, UML

Personal

### **Required profile :**

Good communication skills

Duration: 6 months

Target: Second or last year

Location: Nice

Technical Skills: Programming Skills: Java (J2SE, JFC,J2EE) Databases: SQL Server Communication Protocols

Standards: XML (XSL,DOM,SAX) Operating Systems: Windows

**To apply :** <http://amadeus.contactrh.com/jobs/3788/6041905>