AMADEUS IS HIRING A WEB BASED APPLICATION WITH COUCHBASE FOR INTERNSHIP 6 MONTHS.

Date : 01/01/2015

Job reference : 10301-7585401

Type of contract : Internship
Localisation : Nice 06000, FR
Contract duration : 6 months
Level of studies : Master's Degree
Years of experience :
Company description :
Shaping the future of travel is important to us at Amadeus. Today, with technology getting smarter by the minute, that future is more exciting than ever.
Our business success relies on our people being always passionate about what we do. We believe in aiming for excellence, taking responsibility, working together and putting our customers first.
We encourage you to be part of new and exciting projects and for you to take the lead when it comes to your progression.
Since mobility allows you and Amadeus to grow, we always look internally first when searching for candidate.

Job description :
Team Description:
RDR is responsible to replicate sensitive data to thousands of machines running high available systems and to maintain the reference database (city, airports, airline configuration,…) for all Amadeus solutions.

Main Responsabilities:
The purpose of internship is to build a prototype for a new web-based application to manage our airline configuration database inside Amadeus, using one main Couchbase cluster for primary storage and enabling the replication of the data to a secondary cluster.

The trainee will participate in following activities:
* Understand the impact of airline configuration changes for Amadeus applications and the current interface in place.
* Learn Couchbase API, its key- value storage format and replication mechanism.
* Meet with business analysts and No-SQL specialists to participate in defining the requirements for a new web-based interface, using Couchbase as storage database.
* Participate in implementing the prototype based on the requirements analysis.
* Participare in configuring Couchbase cluster inside virtual machines.
* Participate in configuring Couchbase replication to demonstrate the data propagation between two separate clusters.
* Participate to measure the average replication time and make an extrapolation for time taken in a multiple cluster scenarios.

Required profile :

* Great opportunity to participate in a full project life cycle: requirement analysis, specification, design, implementation and validation.
* Communication.
* Programming languages: C++, Javascript.
* Web standards, protocols and technologies: HTTP, HTML, AJAX.
* SQL query knowledge.

To apply : http://amadeus.contactrh.com/jobs/3788/7585401