



A L T E N

JOB DESCRIPTIONS

Company details

ALTEN is the European leader in consultancy and engineering in high technology. For more than 20 years, we provide support to international companies on technical and information system issues.

Our added value: 18 000 employees and consultants over 16 countries working on design and development projects in various activity fields: Aeronautical and Space, Automotive, Banking, Financial Markets & Insurance, Chemical and Petroleum, Safety and Defence, Electronic and Multi-media, Energy and Nuclear, Railway and Shipping, Industry, Pharmaceutical and Healthcare, Telecommunication.

Labelled “Top Employer” 2015, the group is committed to its goals in human resources, in particular, the recruitment of 1200 graduates into the professional workforce this year.

Founded in 2001 and now counting more than 200 employees, **ALTEN Sophia-Antipolis** keeps developing and is currently looking for IT Engineers.

We recruit multicultural engineers and currently offer the following positions:

- C++ Software Engineers
- JAVA Software Engineers
- Product Definition Engineers (Functional Analysts)
- QA Engineer
- Data Scientist

For applying, please send your CV in English to the following email address:
cristiana.chepsta@alten.com



C++ Software Engineers

Position

You will be part of the development team and will actively participate in most of “V-cycle” steps (design, development and validation).

Those opportunities will allow you to work not only on technical tasks during the development phase but also at a functional level during the design phase.

You may be responsible for some parts of the project, mainly for the meetings.

Summary of Responsibilities:

Analyze user needs and design, code, test, debug, document and maintain software solutions.

- Define user requirements for development of new or improvement of existing software solutions.
- Design technical solutions and perform feasibility studies.

Propose viable technical solutions to Product Management and/or users for validation.

- Model, design and implement databases as necessary.
- Develop software according to Amadeus Standards.
- Conduct unit, package and performance tests of the software and ensure a level of quality in line with the Amadeus guidelines.
- Participate in the validation / acceptance phase of the product cycle ensuring the fine-tuning necessary to finalize the product.
- Produce software documentation necessary for the application and issue it to the requesting departments.
- Support the end user in the Production phase by debugging existing software solutions in response to Problem Tracking Records (PTR) and Change Requests (CR) issued from Product Management or Product Definition.

Education

Engineering degree (or equivalent) in Computer Science or related technical field. An experience in an international context would be appreciated.

Technical skills

- C, C++, Unix
- Oracle RDBMS and SQL
- UML modeling / Rose

Personal Skills

- English
- Multicultural approach
- Accountability and Proactivity
- Change management and Flexibility
- Communication
- Analytical and Conceptual Thinking
- Technical Expertise
- Information gathering

JAVA Software Engineers

Position

Analyze user needs and design, code, test, debug, document and maintain software solutions.

Summary of Responsibilities

- Define user requirements for development of new or improvement of existing software solutions.
- Design technical solutions and perform feasibility studies.
Propose viable technical solutions to Product Management and/or users for validation.
- Model, design and implement databases as necessary.
- Develop software according to our partner Standards.
- Conduct unit, package and performance tests of the software and ensure a level of quality in line with our partner guidelines.
- Produce software documentation necessary for the application and issue it to the requesting departments.
- Support the end user in the Production phase by debugging existing software solutions in response to Problem Tracking Records (PTR) and Change Requests (CR) issued from Product Management or Product Definition.

Roadpmap

- Testing tools : Quality center, QTP, WinRunner, JMeter
- Build : Maven
- Continuous integration : Hudson
- Configuration Management : Clearcase, Clearcase UCM
- Quality (middleware): QA Intranet (internal tool that integrates all the previous tools & ensure the business logic between all these tools)

The frameworks/technologies used for the development: J2EE, EJB, Yahoo UI, Rich Interface Application layer, Web services, Servlet, SQL, Javascript, JSON, HttpShooter.

Requirements:

EDUCATION

Engineering degree (or equivalent) in Computer Science or related technical field

TECHNICAL SKILLS

Web technology (JSP, HTML, Javascript, JSON, JSP)

Java, J2EE, EJB3.0, Weblogic

Microsoft SQL

Windows environment

PERSONAL SKILLS

English

Multicultural approach

Accountability and Proactivity

Product Definition Engineers (IT Functional Analysts)

Summary of Responsibilities

Analyse business requirements and provide functional expertise to assist with management of the product suite throughout the entire life cycle. Design and test functionality for the development of new and enhancement of existing software solutions.

You will be in charge of:

- Developing the functional specifications in accordance with the technical marketing team
- Redacting the technical' s specifications
- Doing the validation plan
- Analysing and managing customer requirements
 - Performing feasibility studies, gap analysis, specifications and sizing
 - Defining new product functionality, and graphical user interface design
 - Coordinating with development team for timely product launches
- UML Designing of IT solutions

Major Responsibilities

Product Definition

- Validate business and functional requirements and provide a written statement of product requirements.
- Produce Detailed Designs for Developers to work from, including Use cases.
- Produce Functional Specifications. Ensure that functional specifications used for development correspond with product requirements and verify that finished product matches both Customer expectations and Functional Specifications
- Monitor product success and define corrective actions as necessary
- Work closely with Development colleagues to ensure deep understanding of Business Requirement and Functional Specification is passed on

Product Support

- Support sales activities through written and verbal presentations concerning product functionality & providing product overview presentations and documentation emphasizing value to specific customers.
- Carry out the functional walk-through of the product with the Development team & Customers.
- Ensure production integrity by validating and prioritizing reported problems

Interfacing

- Interface with customer throughout the product lifecycle particularly for functional specification, testing and implementation phases as necessary.
- Interface with relevant departments to identify interaction with other Amadeus packages and assure functional compatibility.
- Interface and communicate with Marketing and Product Management.
- Work cooperatively with others to achieve team goals.
- Build stable and useful working relationships.

Testing and regression

- Size specification and testing phases based on requirements.
- Deliver test plans and test scenarios. Maintain and improve them in the long term.
- Manage software testing in accordance with the test & quality management plans.
- Test product in order to ensure compliance of the delivered functionality and system integrity, and perform functional sign off.
- Report on Test team activities & testing status.
- For regression role, proactively provide input to improve regression coverage plans and report regression activities in line with procedures and test cycle (as appropriate)

Requirements :**Education**

- Post Secondary degree in Scientific or Business Studies or equivalent experience
- English
- Good understanding of IT - technical capabilities

Relevant Work Experience (Optional)

- Business Analyst experience
- Travel Industry Experience
- Experience in IT Software Development environment

Personal Skills

- Strong analytical skills, with high attention to detail
- Conceptual thinking
- Strong written, oral & presentation skills
- Strong communication skills for both technical & non technical audiences
- Flexibility & ability to multi-task
- Training skills
- Negotiation skills

QA/ Software Test Engineers

Major Responsibilities:

The position of QA engineer is responsible for developing and reviewing the software under test project and ensuring that quality is achieved across all areas of the software development, testing, systems architecture and quality. This role design and review the tasks required to fully test to ensure it functions according to specifications and customer requirements and meets the business needs.

Testing activities cover all aspects of the product/system including functional part & components. The right candidate in this role must demonstrate knowledge of the domain that they are responsible for testing. For example, creation/reviewing of Test plan, test cases to capture all functionalities specified by the requirements, ability to mentor junior staffs when required, able to work with the minimum supervisory. Ability to find the solution on any escalation from the Test Engineer prior to the Test Manager. Report directly to Test Manager on the testing activities on a daily/weekly basis.

- Prepare the Software Test Plan
- Check / Review the Test Cases document
- System, Integration and User Acceptance prepared by test engineers.
- Analyze requirements during the requirements analysis phase of projects.
- Keep track of the new requirements from the Project.
- Arrange the Hardware and software requirement for the Test Setup.
- Develop and implement test plans.
- Escalate the issues about project requirements (Software, Hardware, Resources) to Project Manager / Test Manager.
- Send the Status Report (Daily, Weekly etc.).
- Act as the single point of contact between Development and Testers for iterations, Testing and deployment activities.
- Track and report upon testing activities, including testing results, test case coverage, required resources, defects discovered and their status, performance baselines, etc.
- Assist in performing any applicable maintenance to tools used in Testing and resolve issues if any.
- Ensure content and structure of all Testing documents / artifacts is documented and maintained.
- Document, implement, monitor, and enforce all processes and procedures for testing is established as per standards defined by the organization.

Requirements:

EDUCATION

Engineering degree (or equivalent) in Computer Science or related technical field

TECHNICAL SKILLS

Software testing experience + manual/automation testing experience

ISTQB certification is a plus

Big Data Engineers

The position

The role of the data scientist is to participate in the identification, implementation and growth of the Travel Intelligence solutions for Distribution customers.

The data scientist is part analyst, part artist: comfortable working as a software engineer and a quantitative researcher; the Big Data Engineer is capable of staring at data and spotting trends, wanting to learn and bring change to an organization.

The data scientist explores and examines data from multiple disparate sources and sifts through all incoming data with the goal of discovering a previously hidden insight, which in turn can provide a competitive advantage or address a pressing business problem. The data scientist does not simply collect and report on data, but also looks at it from many angles, determines what it means, then recommends ways to apply the data. The data scientist is inquisitive: exploring, asking questions, doing 'what if' analyses, questioning existing assumptions and processes. Armed with data and analytical results, the data scientist then communicates informed conclusions and recommendations across an organization's leadership structure.

Requirements:

- Understand the business of the customer and understand the main performance indicators that can be leveraged to improve activity or decrease costs
- Work closely with customer facing teams and the customers to identify and answer relevant customer questions using appropriate statistical techniques on available data.
- Drive the collection of new data, both internal and external, and ensure its accuracy. Drive the refinement of existing data sources.
- Communicate findings to all relevant internal and external contributors in a way that is accessible to each audience.

Experience with Python, R, Matlab, Scala with scoobi, Hadoop/Impala, tableau or equivalent, Unix is a plus