exail

Job

You are responsible for designing architecture solutions and frameworks for **mission management software controlling** multi-asset missions in a **naval environment.**
Supported by an agile development team, you define and specify architecture designs supporting interoperability and useability requirements, and how it integrates with existing applications.

Your tasks:

Functional analysis: Work closely with operational teams, users, and other stakeholders to gather requirements and translate them into concrete (sub)functions, actionable architectural guidelines and specifications.

Architectural Design: Develop and maintain the architectural framework for mission management software, ensuring scalability, security, and performance in high-demand environments.

Integration and Interoperability: Design and implement integration strategies that enable seamless communication between various software systems, enhancing data sharing and situational awareness.

Technology Evaluation: Assess and recommend appropriate technologies and tools to support mission management objectives, ensuring alignment with best practices and organizational goals.

Documentation and Standards: Create comprehensive architectural documentation, including guidelines, standards, and design patterns, to support ongoing development efforts and ensure consistency across the software lifecycle.

Your profile

You have a **master's degree in computer science/engineering** or equivalent working experience.

You are passionate and curious about new technologies and development methods

You like to think in terms of solutions and you come with an out-of-the box approach

You value team effort, are a team player but can also work independently

Recommended skills:

You are proficient in English.

You have significant experience in the architectural design and specifications of software systems

You have significant experience in functional analysis and requirement specifications (using Doors or similar tool)

You have experience with **Agile and Cycle methods in V**

You are familiar with tools like **Git, Jira, Jenkins, Doors, Confluence, SonarQube, Conan, squish.**

You have experience with Object-oriented Programming (ideally C# and .Net) and working with large-sized code stacks

You have experience with MBSE using tools like Enterprise Architect, Capella or Papyrus

Technical stack:

Architecture : micro-services, clean / oignon / vertical slice, event driven architecture

C#, Stack .Net, Angular, REST, GRPC, Powershell, SQL Server, UML2.0/Papyrus

Methodology:

Domain-driven Design

V-cycle, agile, CI/CD, TDD

Employment is based in Ostend and/or Mouscron.

Our offer

In addition to an attractive salary package complemented by many fringe benefits and respect for work-life balance, at Exail we also guarantee:

- a modern and pleasant working location in Ostend

- a place to work on the personal development of employees

- job with a high degree of independence

- growing environment and ditto dynamics

- 12 ADV days (for full-time employment)

The Exail Robotics Belgium team is eager to meet you.

Work at Exail?

A sea of benefits!

Unique opportunity

Take a key role and help build world-class drones in our state-of-the-art factory.

Numerous career opportunities

You will evolve with the company and the international defence programme.

Innovative and dynamic working environment

We never say 'no' to creativity, entrepreneurship, and spontaneous ideas!

Contribute to social safety

On a daily basis, you will contribute to the quality and safety of underwater drones for the Navy.

https://www.exail.com/