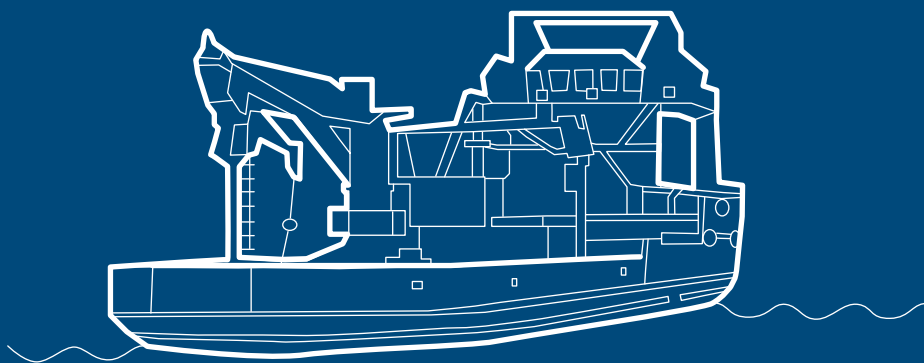## AMINE
the "digital twin expert"

Amine studied engineering in Brest, in Brittany, followed by an internship and subsequently a job as a naval architect with Bureau Veritas, working in a department reviewing the design of floating rigs.

Soon after, the company asked him to work with the **3D**EXPERIENCE® platform to create models for calculation purposes. "I quickly tested the platform to see how it performed in comparison with our previous tools," explains Amine.
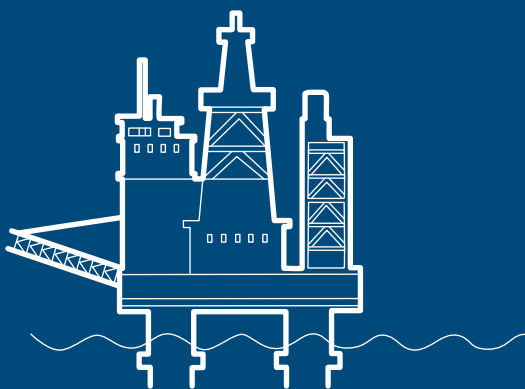

Since 2016, he has been technical lead, responsible for pre-sales issues concerning a new solution called **VeristarAIM³ᴰ**. This system manages fleets of support vessels for oil rigs, helping clients improve their inspection and maintenance programs. "Basically, we're carrying out '**reverse engineering**'," says Amine. "Our goal is to use already existing designs to create digital twins as quickly as possible."

Amine has also taken on the job of conducting technical demonstrations for customers. The advantages of the platform often help him convince them and overcome their resistance to change.

"**3D**EXPERIENCE is a highly developed PLM [Product Lifecycle Management] tool which offers much more than just 3D modeling," notes Amine. "Its content can be accessed by all project participants and used in different ways. It can be used to implement management projects, for instance, or to oversee inspections and highlight anomalies, and to simplify reporting."

The most exciting project, according to Amine, is yet to come. The **VeristarAIM³ᴰ** team will work for a public enterprise in Angola, which has won a contract to drill for oil and natural gas. The team will conduct Asset Integrity Management (AIM) for 14 fixed rigs. "That will mean using technologies such as photogrammetry and laser scanning to build digital twins," says Amine. "It's a wonderful project, and one we'll deliver with the help of the **3D**EXPERIENCE platform."

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