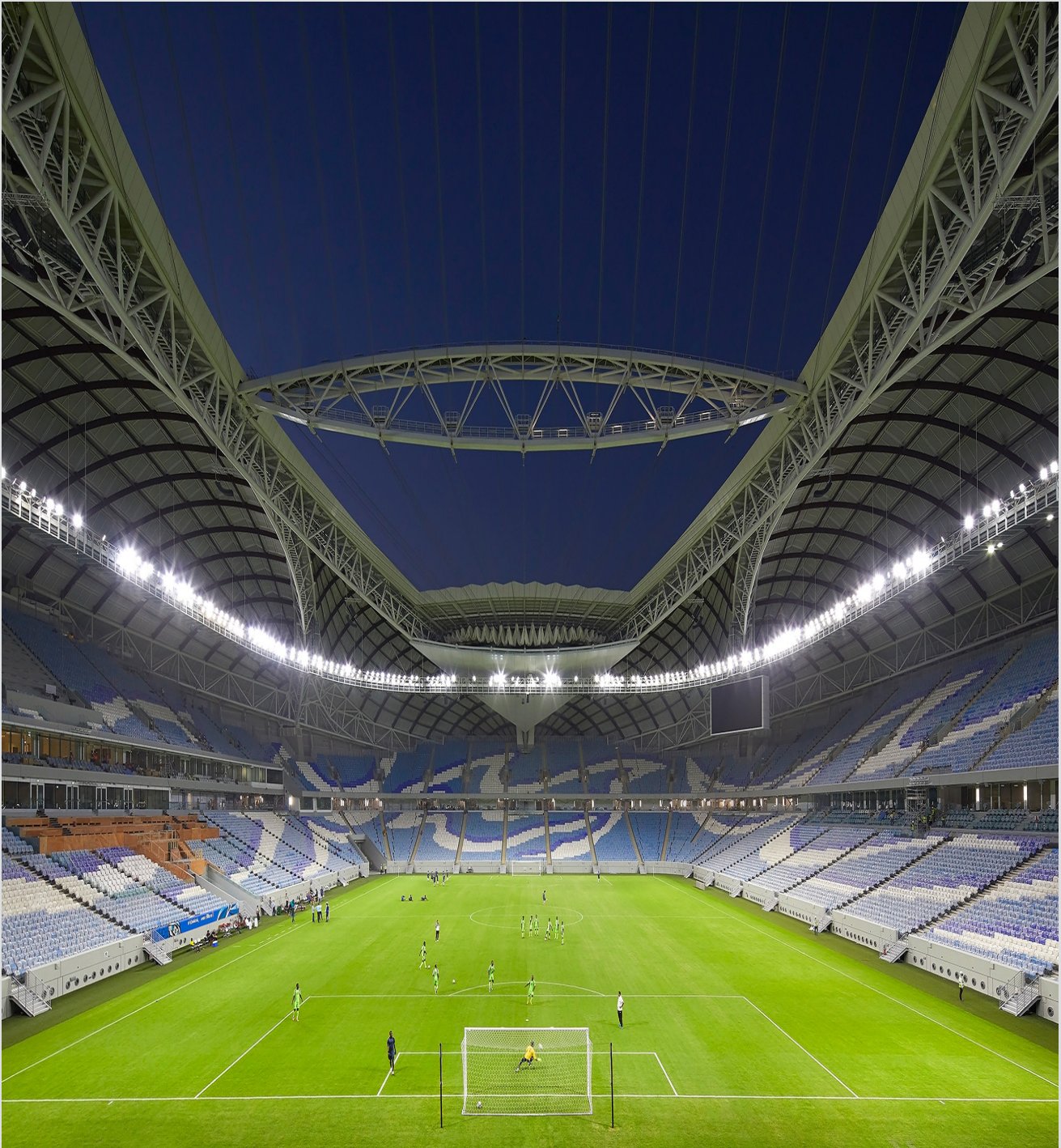




AL JANOUB STADIUM

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Al Janoub Stadium is the most recent work inaugurated for the 2022 World Cup in Qatar. Designed to hold a total of 40,000 spectators, the structure designed by the office of Zaha Hadid and Patrik Schumacher could have its capacity reduced by half after the World Cup. Qatar is a country with just over two million inhabitants and therefore it is essential to foresee strategies that will facilitate the maintenance of this stadium in the future. Forty thousand seats may seem low for a World Cup stadium, but twenty thousand seats is definitely a very reasonable capacity for Al Wakrah



In this way, the stadium was designed to be partially dismantled after the tournament. Due to the extreme weather conditions in Qatar, the stadium was designed with a high-tech removable roof, developed and operated by Schlaich Bergermann Partner. Furthermore, as the World Cup is held during the summer in the northern hemisphere, it was necessary to plan a very complex cooling system to guarantee the minimum comfort conditions inside the stadium. The roof, although designed and produced by an independent team, seems to disappear into the work as a whole - seamlessly



integrating with the building's architecture. like the stadium, the removable cover uses PTFE fabric and cables as a coating and thermal insulation system. When closed, the roof covers the entire stadium, providing ideal conditions for the pitch and its players. located in the coastal town of Al akram, the stadiums design was inspired by the shapes of the regions traditional boat, the 'Dhow'. Zaha Hadid Architects created a building that simplifies these naval forms and transforms them into an efficient architectural design, a standard FIFA World Cup stadium.

The abstraction of its forms makes it possible to bring the local culture closer to football, the facades have the same materiality that simulates sails in the wind. Like a boat on the surface of the water, the stadium appears to float above the ground. This feeling of lightness is emphasized by its large side overhangs, while the metallic cladding that reflects the colors of the sunset.





CREDITS

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