

BCECA profile



Meet Batrisyia Khir

Process Engineer

Schlumberger

Image courtesy of JDC

BCECA members provide engineering, design, procurement, project management and construction services to the process and energy industries worldwide. Schlumberger's Batrisyia Khir's story begins on a Japanese semi-submersible drilling rig in the South China Sea.

Originally from Malaysia, Batrisyia has been working as a process engineer since 2019 with Cameron, a Schlumberger company, at their UK headquarters near Gatwick Airport. Schlumberger is the world's biggest oilfield services and offshore drilling company with a truly international workforce drawn from more than 160 countries. The company provides digital solutions and deploys ground-breaking technologies to facilitate the performance and sustainability that are crucial for the global energy industry.

Wireline trainee

"I'm from Malaysia and studied Chemical Engineering at Universiti Teknologi PETRONAS in Perak. My course incorporated an internship with Schlumberger, who trained me as a wireline engineer. Wireline is the cabling technology used to lower measurement devices and other equipment into an oil or gas well. I was given a fantastic opportunity to work on mobilising the equipment on Hakuryu 5, a Japanese drilling ship located offshore from Labuan in Eastern Malaysia. I learned a lot during the placement, from minor equipment troubleshooting to the complex business of heavy-lift installation. It was an exciting experience, and my mind was made up – oil and gas was the industry for me."

UK opportunity

"My experience with Schlumberger was really positive. Their commitment to diversity and inclusion was clear, and it was great to be working with people from all over the world. So, I successfully applied to their graduate programme and joined the UK-based team as a Process Engineer. It's a long way from home, but that's not a problem for me since I love travelling, and chemical engineering graduates are well known for their flexibility and adaptability. We've got loads of transferable skills and can work anywhere within reason. Over the last three years, I've worked with many different technologies and am currently working on the water separation process design. It's a desk job at present, but I know there will be site-based work in the future, including offshore."

Looking ahead

"Make no mistake, process design work is very technical, and it can be pretty challenging at times, but that's all part of the job. The energy industry gets a lot of public scrutiny, and we must get things right. My current project focuses on minimising the amount of contaminated waste going back into the environment. The process knowledge I'm gaining week in and week out can be applied in many different settings. Given the accelerating shift towards decarbonisation, I'm looking forward to working with the green and sustainable technologies required to meet future energy needs. I'm also aiming to become a Chartered Chemical Engineer with the Institution of Chemical Engineers."

For more information about career prospects in the engineering contracting sector, contact BCECA at 10th Floor, Camelford House, 89 Albert Embankment, London SE17TP

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