

Tomorrow's Engineers Week Power Up Your Passion!

Meet Safwan....



Muhammad Safwan Shahid
Year In Industry – Transport Planning

What does your role involve?

I'm based in our Transport Planning Group. My role involves assisting members of the team with a variety of tasks, including transport modelling and appraisal. This means we help assess how transport schemes impact travel behaviour, journey times, and economic outcomes.

I carry out tasks using GIS and Excel, including spatial analysis and benefits calculations. The work is diverse and gives me exposure to different aspects of transport planning and analysis.

What skills did you learn at school that help you in your current role?

Basic skills like presenting and using Excel are handy. The GIS skills I picked up at university are useful, as I use them regularly in my day-to-day work. These technical skills, along with communication and teamwork, help me contribute effectively to the team.

What do you love about your role?

I love the variety. My work changes daily, allowing me to gain insight into projects at different stages of development. I also shadow senior members of the team on their projects, which has been a great learning experience.

I enjoy building on my Civil Engineering studies. I meet people from different teams, which helps me understand how we deliver projects. I value the opportunity to learn new skills.

What career advice would you give your younger self?

Don't miss out on opportunities. Talk to different people and get involved in things, even if they seem outside your comfort zone. You never know where a new opportunity might come from. Networking and attending events can open unexpected doors.

What originally appealed to you about your program?

One of the biggest factors was that it's a placement rather than an internship. That gives me a deeper level of experience and a chance to apply what I'm learning at university in a real-world environment.

Another thing that appealed to me was the flexible working arrangements. It's easy to manage my time and responsibilities, and the supportive environment makes it easier to balance work with personal development. This flexibility has helped me stay productive while also continuing to learn and grow.