



Tomorrow's Engineers Week Power Up Your Passion!

Meet Eugene....

What does your role involve?

I joined National Highways as a Graduate Structural Engineer in Wakefield, where I worked on structural assessments across Yorkshire and the Northeast—enhancing bridge asset data, contributing to capacity analyses, and reviewing assessment reports. As part of the scheme's 6 months rotation, I am currently working in Birmingham on a Planning and Development placement, where I assess road surface conditions, Visual Conditioning Surveys and analyse skid resistance and Polished Stone Value (PSV) data, supporting projects that keep our roads safe.

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

Mathematics and science strengthened my problem-solving skills, and group projects developed my teamwork and communication. I also learned the importance of hard work and time management—skills I rely on every day in my role.

What career advice would you give your younger self?

Stay curious, ask questions whenever you can, and welcome change and seize every opportunity that comes your way. Every new role, project, or challenge will help you grow as an engineer.



Eugene Kollara Jain
Graduate Structural Engineer

What do you love about your role?

I really enjoy the different experiences and working on projects that help keep people safe and make sure our roads work well. I love that my job combines analysing data with solving problems, and that I get to work with skilled engineers who are always happy to teach me new things. The work culture here makes you feel valued—even as a new starter, you are treated as part of the team and your contributions matter.

What originally appealed to you about your program?

My programme promised a journey of growth, offering not just structured development and hands-on experience, but the opportunity to collaborate with diverse teams. I was excited by the blend of technical challenges, real-world learning, and the chance to make a meaningful impact on the safety of our strategic road network.