

Curriculum Vitae

FRENCH, Richard

CURRENT POSITION

Name of company

Job position

Alstom

Europe's Rail Programme Manager

PROFESSIONAL BACKGROUND

- 1987 - 1989: Assistant Project Engineer, Irvin Great Britain Ltd. Design and Development of parachute systems for aircrafts and remotely piloted vehicles
- 1989 - 1990: Senior Technician, British Standards Institute. Conducted test programmes to evaluate personal safety products in accordance with National/International Standards
- 1990 - 1992: Design Engineer, British Aerospace (Space Systems). Structures department developing satellite propulsion and antenna systems

1992 onwards: Alstom and former companies (ABB, Adtranz, Bombardier Transportation)

- 1992 - 1996: Design Engineer, Developed designs and manufacturing drawings of aluminium carbody structures for bids and manufacture
- 1996 - 1999: Project Engineer, Team leader of designers for the manufacture of carbody structures to comply with vehicle, structural and crashworthy requirements
- 2000 - 2004: Advance Engineering Manager, Responsible for carbody technology development, product developments and bids
- 2004 - 2006: Vehicle Integration Manager, Responsible for design of vehicle and cab interiors
- 2006 - 2008: Project Engineering Manager, Lead engineer on start-up phase of 'Turbostar' DMU and associated Research and Development projects
- 2008 - 2014: Manager Research and Development, Responsible for regional research and development projects including energy storage, wireless communication, and structures
- 2014 - 2021: Shift2Rail Project Manager, Responsible for the application, co-ordination, and execution of Shift2Rail projects, including rolling stock and signalling
- 2021: Continue role as Shift2Rail / Europe's Rail Programme manager for Alstom

EDUCATION AND TRAININGS:

Fellow of Institute Mechanical Engineers (FIMechE)

BSc Degree in Mechanical Engineering

Higher National Diploma in Mechanical Engineering

EXTRAS:

UK Rail Research Innovation Network (UKRRIN) steering committee