

Matthew Ryan (MEng Design Engineering)

Engineering oriented manager with background in military and public sector, working in project management, resourcing and multidisciplinary engineering delivery. Founder of Fossil Works Projects. A proactive and adaptable team member and leader, always looking to excel in any working environment.

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EXPERIENCE *(References available upon request)*

Engineering Resource & Capability Development Manager - Transport for London

Dec 22 - PRESENT

Providing engineering resource management to Central, E&SE, Project Engineering, Asset Strategy and Surface Transport. Working to optimise utilisation of engineering resources in a combined capability pool of over 500 with a unique view of the challenges faced by wider tfl Engineering. Manager of the Project Engineering consultant contract, designing and improving process holding purchase authority for £9.4 million of engineering resources.

Engineering Officer - British Army, Defence Technical Officer & Engineer Scheme

Sep 16 - Nov 22

Graduate Scheme for engineering officers in the British Army, managing teams of 30 multidisciplinary engineers. Responsible for delivering maintenance and modernisation projects of vehicle assets in demanding work environments. Secondment experience in telecoms and aviation engineering, beyond ground vehicles. Promoted to regimental HQ, leaning into procurement, resourcing and continual improvement, leading a regiment of engineers and support staff.

Director - Fossil Works Projects Ltd

March 2018 - PRESENT (Part time)

Imperial College-backed startup, responsible for product design, procurement and manufacture. Negotiating and overseeing a design licensing deal with JVD Group - Europe's largest retailer in this industry. Continuous improvement and engineering evaluations for the sale of thousands of units annually.

EDUCATION

Level 5 Diploma in Leadership and Management, Chartered Management Institute - 2019

Alongside professional work as an engineering officer in the British Army, completing an additional accreditation in Leadership and Management in the form of a level 5 diploma. Received the world's most recognised leadership and management training at the Royal Military Academy Sandhurst.

MEng Design Engineering, Imperial College London - 2018

Graduate of the integrated-masters Design Engineering course at Imperial College London, with master's specialism in CAD and business applications within engineering. Focus areas include Sustainable Electrical Systems, Manufacturing Engineering, and Sustainable Energy Storage. Presented with the **Old Centralians Trust award for Student Excellence**.

SKILLS

Master's level expertise in CAD software (Solidworks, Catia, Autodesk products)

Theory-trained in Lean Six Sigma to yellow belt.

Extensive use of Adobe Creative Cloud Suite

World leading education in multi-disciplinary design engineering.

Professional experience managing teams of 8 to 320 in dynamic work environments

AWARDS & ACHIEVEMENT

Passed off the Square at the Royal Military Academy Sandhurst.

Awarded Defence Equipment & Support Prize for Technical Innovation in 2018

Worked with fellow **Team GB** athletes to optimise performance by applying engineering knowledge at **European and World Championship level**.

Given **command appointment over 320 soldiers** in 2021

Received **Commandant of RMA Sandhurst's Military Commendation** in December 2021 and **Lord Mayor of London's prize** in January 2022.