Tom d'Arcy
Innovation & Digital Leader

Creative high energy leader in the Innovation & Digital space with experience building and leading teams driving transformational change across business units. I can blend a operational management background working with all levels of an organisation with both a technical and cultural skillset to drive performance and engagement through an organisation. I'm looking for a role which will enable me to lead high performance teams to deliver better business results in the context of an organisation which does good for society.

Contact

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Education

2023
Full Stack Web Development Bootcamp
Le Wagon

2015 - 2019
MSc Engineering Business Management
University of Warwick, UK

Experienced in:

- Digital Transformation
- Innovation Management
- Culture Change
- Operations Management
- CapEx delivery
- Data driven leadership

Experience

March 2023 - Present

Edwards Vacuum - Atlas Copco

Senior Engineering Manager - Industry 4.0

Responsible for Industry 4.0 Transformation across 20 facilities across 12 countries. Leading a mixed global team with a range of skills from Manufacturing Engineers, to Data analysts and software developers across 3 continents to deliver new manufacturing technology, digital solutions and data services.
Key achievements / responsibilities:

- Restructured digital team simultaneously reducing costs, increasing capacity and increasing capability through offshoring to a lower cost economy.
- Launched digital culture initiative to develop skills within the organisation to transform with digital.
- Leading a team of engineers managing projects worth in excess of £30 million over a 3 year period.

Nov 2022 - March 2023

Career Break

Career break to complete Le Wagon Full Stack Web Development Course and travel in South-East Asia. This break enabled me to develop my technical digital skill set learning full stack web development with a focus on the Ruby-on-Rails framework. The break also enabled me to

Sep 2021 - Oct 2022

Rolls-Royce

DemoWorks & Innovation Manager

Responsible for running a 24/7 factory assembling both customer and development jet engines for Civil Applications as well as leading Digital Manufacturing & Innovation team delivering multiple transformational projects.
Key achievements / responsibilities:

- Business unit lead for digital transformation leading 3 principle workstreams; Digital Culture, BI & App development, MES (Manufacturing Execution System) deployment.
- Responsible for the assembly of the worlds largest jet engine, UltraFan, delivering a key board level milestone of readiness for the 2022 Farnborough Airshow under intense schedule and technical challenges.
- Led team deploying MES system across 4 factories in 2 countries removing business units reliance on mainframe systems and improving data quality, integrity and visibility

Jan 2020 - Sep 2021
Rolls-Royce
Innovation Lead

Leading a team of Engineers responsible for the Digital and Technology transformation in 6 Factories
Key achievements / responsibilities:
- Built Innovation team bringing together 7 engineers to deliver Innovation and Digital Manufacturing projects
- Created the largest 3d printing cell in Rolls-Royce with 13 printers and over £250k of Capital Investment delivered all with ROI on many of the machines delivered in weeks. Delivered numerous projects including a full scale UltraFan fan (~4 metres diameter) which received extensive media exposure and over 10,000 visors as part of COVID-19 pandemic for the NHS for which I was nominated for Royal Academy of Engineering's President Award for Pandemic Services
- Delivered ~£1 million of CapEx in 2021 with all projects delivering on time and to budget
- Launched and led a small team of part time citizen developers to develop low-code applications. This team won an internal Rolls-Royce award for most scalable app within first 6 months and delivered >£300k of savings within 1st year with ~2FTE
- Delivered multiple PowerBi dashboards to leadership teams driving data driven decision making

May 2019 - Mar 2020
Rolls-Royce
Production Leader

Leading a 24/5 team of 20 delivering on and offsite logistics services for Rolls-Royce's Experimental business unit
Key achievements / responsibilities:
- Project managed multiple full charter shipments including multiple Antonov 124 and Boeing 747 full charters costing >£500k
- Responsible for all outbound logistics for business unit with spend exceeding £2 million a year
- Responsible for managing relationship with three 3PL providers including problem resolution, escalation management and performance management
- Responsible manager for shipping facility across Safety, Cost, Quality and Delivery

Sep 2014 - May 2019
Rolls-Royce
Manufacturing Management Sponsored Degree Program

Completed a range of placements across the breadth of Rolls-Royce and across the UK ranging from manufacturing engineering and supply chain roles to project management and operations management roles
Key achievements / responsibilities:
- Project managed the return to flight of the Rolls-Royce Spitfire after multiple years introducing agile PM techniques to a highly traditional team
- Shift manager for team of ~30 fitters delivering first Trent 7000 engines to Airbus for A330neo
- Project controller in University of Strathclyde Research centre for InnovateUK (UK Gov) funded project