

# Jonathan Jarvis

MSc, MEng, CEng, MRAeS

Accomplished Systems and Services Engineer, with strong experience in mechanical power systems. Proven track record of managing and delivering complex technical projects and of leading interdisciplinary teams.

## EMPLOYMENT

Dec 2018 – Present

### **SECTION MANAGER, OVERHAUL ENGINEERING** – Rolls-Royce Deutschland

Following organisational transformation, took over management of a newly formed engineering group. Accountable for all Service Engineering activities in support of Business Aviation Overhaul activities, including Failure Investigations, Engine Manuals, Technical Variances and Life Cycle Cost reduction activities.

- + Manager, mentor and technical approval authority for 18-22 engineers
- + Business Control Authority (final technical approval for programme) for major overhaul facility capability transfer programme

Feb 2018 – Nov 2018

### **SECTION MANAGER, LIFECYCLE INTEGRATION** – Rolls-Royce Deutschland

Manager of an engineering group covering multiple disciplines: Lifecycle Cost Analysis (LCA); Equipment Health Management (EHM); Design for Service (DfS); Reliability & Operational Disruption. Also held the interim position of Chief Lifecycle Cost Engineer until the role was retired in an organisational change.

- + Manager, mentor and technical approval authority for 16-20 engineers
- + Managed unchanged workload while reducing team by 4 engineers, through increasing offload to RR India and appropriately prioritising work

Sep 2016 – Jan 2018

### **ENGINEERING MANAGER, COST & DISRUPTION** – Rolls-Royce, Defence (UK)

A new role, created during organizational transformation from the merger of 3 previous management roles: Chief of Project Zero; Technical Lifecycle Cost Reduction Lead; Capability Manager – Optimised Maintenance. Accountable for reducing the cost and operational disruption of Engineering for Services (EfS).

- + Manager and project team lead for 8-10 engineers.
- + Ownership of strategy and budget for ~£700k research programme
- + Led delivery of £25m cost reduction target in '16 and £15m target in 2017.
- + Digital Champion and Defence Theme lead for Optimised Maintenance,

Sep 2014 – Aug 2016

### **WORK PACKAGE OWNER, EHM** – Rolls-Royce, Defence Aerospace (UK)

Technical and Programme responsibility for the definition, deployment and service of Equipment Health Monitoring systems on three Defence power plants.

- + Owned the definition and verification of requirements for EHM systems
- + Delivered production and deployment of Automated Lifting System for Royal Australian Air Force

May 2012 – Aug 2014

**SERVICE ENGINEER, JSF LIFTSYSTEM** – Rolls-Royce, Defence Aerospace (UK)  
 Held lead responsibility for all project safety investigations (Red Tops), Product Maturity and significant improvement of the Engineering Investigation process.

- + Delegated Authority from Chief Engineer to approve deviating hardware
- + Responsible for Root Cause Analysis of failures of LiftSystem hardware, including Fault Tree analysis, FMECA review, materials assessment etc.

Sep 2010 – Apr 2012

**GRADUATE ENGINEER** – Rolls-Royce, Defence Aerospace (UK)  
 Rotated through six 3-month placements across multiple disciplines, sectors and global locations, including:

- + Design Engineering, Energy (Rolls-Royce Montreal) – physical design (CAD) of external systems – air, oil and fuel.
- + Aerothermal engineering – software testing of auto-meshing tool
- + Development Engineering, Civil – IPT lead on test rig for auto-throttle

## EDUCATION

2010 - 2015

**MSC, ENGINEERING MANAGEMENT (DIST.)** – University of West England, UK  
 + Sponsored by Rolls-Royce under CPDA programme, undertaken part-time

2006 - 2010

**MENG, AEROSPACE ENGINEERING (1<sup>ST</sup> HONS.)** – University of Sheffield, UK  
 + Specialism in Aeromechanics; Aerodynamics and Propulsion  
 + Final project – design, build and validation of test cell diffuser

## AWARDS & ACHIEVEMENTS

2013 – present

**INTERVIEWER & MENTOR** – Arkwright Engineering Scholarship Trust (UK)

2006 – 2019

**PRIVATE PILOT'S LICENCE (PPL)** – Numerous National Aviation Authorities

2018

**PROJECT EXCELLENCE LEADERSHIP ACADEMY (PELA)** – Rolls-Royce GmbH

2015

**CHARTERED ENGINEER (CENG)** – Royal Aeronautical Society (RAeS)

## EXTRA SKILLS INTERESTS

**GERMAN LANGUAGE** – Ongoing study, currently at B1 level

**CARS AND MOTORBIKES** – I own and maintain a 1971 VW Beetle and a Yamaha Fazer FZ600. Both have required substantial work/rebuilds.

**CODING** – I enjoy hobby coding projects in Python, e.g. the Advent of Code.

**SPORTS** – I play for Berlin Setanta (GAA) Hurling club, and have competed in several European tournaments since moving to Berlin

**FLYING** – I've been a qualified pilot for over a decade, flying over 3 continents