LUKE CRIDGE

PROFILE

Innovative Senior Engineering Manager, specialising in the development of complex high integrity systems. Systems thinker, able to integrate engineering disciplines and look deep into problems without loosing sight of the big picture. Results driven, continuous improvement attitude, passionate about new technology and making things better.

EXPERIENCE

CHIEF ENGINEER, ZF, SOLIHULL, UK – 2016 - PRESENT

Chief Engineer for Column Drive Steering Electronics product Line. I lead a team of approximately 75 engineers globally, with responsibility for a $12 million annual engineering budget. Highlights include successful development of core product from concept to series production, winning business with 7 OEMs. Functional management responsibility for global application teams (USA and China).

PRINCIPAL ENGINEER, TRW CONEKT, SOLIHULL, UK – 2011-2016

Highly regarded technical consultancy and support on a wide variety of projects including; systems engineering consultancy on camera and radar systems; functional safety management for specialist automotive application projects; application of systems thinking to programme/project planning for new technology acquisition.

SENIOR ENGINEER, AERO ENGINE CONTROLS, BIRMINGHAM, UK – 2008-2011

Worked in the Civil Large Engine Controls group, developing safety critical systems for use in harsh environments. Involved in multiple aspects of systems development from requirements capture, through to certification. Highlights include successful flight certification of T1000 FADEC (Full Authority Digital Engine Controller).

GRADUATE ENGINEER, GOODRICH, BIRMINGHAM, UK – 2006-2008

Followed an accelerated graduate development with rolling placements in Electronics, Systems and Software, Systems Integration, Manufacturing, Continuous Improvement, Test and Validation and Quality departments.

INDUSTRIAL PLACEMENT STUDENT, GOODRICH, BIRMINGHAM UK – 2004-2005

Industrial placement supporting development of power electronic flight surface control systems for Airbus A380.

EDUCATION

MSc, Gas Turbine Controls (Safety Critical Systems Masters Programme); University of York, UK – 2008-2012
BEng (Hons.), Electronic Systems Design; Bournemouth University, UK – 2002-2007.
Four A-levels and ten GCSEs C or above. Bishop Walsh RC School, UK – 1992-1999

SKILLS AND INTERESTS

Leadership; Engineering Management; Systems Engineering; MBSE; Electronics; Architecture; R&D; Product Development; Consultancy; System Safety; Project Management; Aerospace; Automotive; ADAS; RTCA DO-/ 254/178/160; ISO 26262; IEC 61508; Automotive SPICE; CMMI; Business Development; New Technology.

REFERENCES

Available on request.

Contact: +44(0)7717337300 Flat 32 Sinclair Court, Moseley, Birmingham, B138AH lukecridge@gmail.com