

IAN BARROW

SENIOR MANAGER, INSTRUMENTATION

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Profile

Extensively technically experienced engineer / manager, progressively resourceful, lead UK instrumentation support manager.

Skills

Manager
: Assertively drive team through critical resource management exploit synergistic core competencies.

Customer Support
: Credibly streamline mission-critical services to 'blue chip' customers.

Project Direction
: Proven ability to lead and manage a wide variety of design and development projects in team and independent situations.

Technical

Electronics (all disciplines)
8D/KT
Semiconductor processing

lean
Python (programming)
Web technologies

6S
ISO9000
Vacuum Technologies

Experience

MKS Instruments

UK Customer Support Manager: *Global semiconductor manufacturing instrumentation and control.*

1994-current

Provide 'World Class' Product support of critical process control equipment to major semiconductor and pharmaceutical companies ensuring maximum up time of process equipment and technical support through a managed team of experts. Intrinsicly transformed support methods to displace competition. Developed lean manufacturing processes, delivering excellent service and quality product whilst maintaining JIT systems through virtual KanBan systems. Agile development of cloud computing platform for job management for rapid report generation.

Hidden Analytical

Electronics Design Engineer: *Residual gas analysers, surface science and plasma diagnostics.*

1991-1994

Design and manufacturing support of high power RF quadrupole and surface science equipment incorporating analogue instrumentation and control, current mode regulators and RF matching systems.

VG Trittech/Analytical

Electronics Design Engineer: *Triple sector (magnetic /electrostatic/RF quad) mass spectrometers.*

1988-1991

Design to manufacture and customer support RF quadrupole electronics systems, incorporating analogue instrumentation and control, current mode switching regulator and novel RF tuning topologies.

BAe Dynamics

Electronics Design Engineer: *Air weapons division.*

1983-1988

Design and type approval of missile subsystems incorporating resonant switch mode converters. Technical training and design analysis including FMECA, SPICE, tolerance analysis, systems testability.

ElectroDesign

Electronics Design Engineer: *Electronic design and feasibility consultants.*

1981-1983

Product design/development using high performance data acquisition microprocessor systems.

VG Organic

Electronics Design Apprentice: *Magnetic sector and quadrupole mass spectrometers.*

1977-1981

EITB apprenticeship covering all aspects of modern design and manufacture: analogue/digital, PCB and Mechanical packaging design, culminating in experience in design for mass spectrometry.

Contact

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