DETAILED PROFESSIONAL EXPERIENCE

June 2002 to March 2008 EDiT iD Ltd, Auckland, New Zealand

Manufacturing Manager

EDiT iD Ltd, prior to 1. November 2005 "electronic data manufacturing limited (edml)", develops, manufactures and markets the EDiT brand of fixed and portable RFID readers and antennae since the incorporation in March 2000. EDiT iD Ltd is privately owned by one major (approx. 85%) and close to 40 minor shareholders and has a current annual turnover of approx. 1.5 Million NZ$, employing 18 staff at their Mt. Wellington premises.
Product is sold world wide, predominantly with distribution presence in Australia and via two branded versions in the US market.

The role of Manufacturing Manager was created to establish and manage EDiT iD's manufacturing Group; it reports to the General Manager, with varying staff numbers reporting.

Main Responsibilities and Authorities:

- Establish production systems, processes and appropriate documentation in order to start efficient, high quality, cost effective and therefore viable manufacturing of EDiT iD's products.
- Manage purchasing and forecasting processes, negotiate supply agreements with suppliers and contractors and oversee creditor payments.
- Establish logistics & inventory system including material requirements analysis and planning for production.
- Plan and schedule Manufacturing to ensure timely supply of goods purchased by customers.
- Manage human resource requirements planning and recruitment of production staff.
- Liaise with and assist the engineering team regarding product DFM and change management issues.
- Establish a quality assurance program.
- Prepare annual budget and expenditure recommendations for Manufacturing and participate in strategic planning and budgeting for administration, purchasing and production departments.

Key Achievements:

- Identified and established all manufacturing processes and resources. Set up budget requirements for start-up and ongoing operation.
- Defined and implemented part and document numbering system. Set up part number, drawing, customer and supplier databases. Set up Assembly and Test instruction format.
- Set up formal BOM system and evaluated COGS for manufactured product.
- Identified key manufacturing partners and set up supply agreements, strengthened the relationship through regular visits.
- Identified key local suppliers and set up trading accounts. Contributed considerably to decrease in production cost through negotiating better pricing and finding alternative suppliers.
- Interviewed and hired all staff in manufacturing and accounts processing. Set up staff induction process, set up wages payment process and time recording processes.
- Arranged company move to current premises and set-up of current infrastructure.
- Set up Quality Tracking Procedures such as Service Bulletins, Service Logs and Service Travellers. Trained all staff to achieve less than 0.3% product returns due to manufacturing issues.
- Established "sales order traveller", implemented formal production forecasting and order tracking.
- Set up logistics administration processes such as purchase order process, accounts approval process, CapEx process, Foreign Exchange Creditors Payments and stock take procedures.
- Contributed significantly to manufacturability and professional presentation of the product (Case design, PCB design check, label design, packaging material, manuals and other support material) though giving assistance in a production engineering role to support staff shortages in the engineering area.
- Contribution to company's development through active participation on management team.

Nov. 1993 to May 2002 ESCORT Data Logging Systems Ltd., Auckland, New Zealand

EDLS, prior to 1. April 2001 "Tech Innovators Ltd.", develop, manufacture and market the ESCORT range of self-powered temperature and humidity data logging products. Founded in 1989, EDLS have a current annual turnover of approx. 3.5 Million NZ$ and employ around 20 staff, 10 of which work in manufacturing. EDLS sell their products through a worldwide distribution network including three branded versions for markets in USA, UK and Italy.

Nov 1998 to May 2002 Operations Manager

This position included administration of production, purchasing, customer contact, technical liaison to the Engineering team and technical support. It reports to the Managing Director.

Main Responsibilities and Authorities:

- Overseeing production management including MRPII system and MRPII report writing.
- Overseeing purchasing management and approving all purchase orders and monthly creditors payments, cheque co-signatory.
- All technical, order and service related customer contact including technical support for local and oversees distributors; overseeing of company publications and presentations.
- Preparing annual budget recommendations for administration, purchasing and production departments.
- General administration, HR management and recruitment of production staff.
- ISO 9002 Management Representative, chairing Quality Management Review Meetings and administration of ISO documentation.

Key Achievements:

- Initial introduction of MRPII system. Order processing 40% more efficient, more effective forecasting through historic sales analysis.
- Arranging of Training and Sales support meetings within the distribution network in USA, France, Switzerland, UK, Argentina and Chile.

Aug 1994 to Oct 1998 Production Manager

This position included efficient and timely completion of all production and dispatches as well as production staff recruitment and training. Reported to the Managing Director.

Main Responsibilities and Authorities:

- Production planning, scheduling and production supervision.
- Production equipment maintenance scheduling, planning of consumables and tools.
- Statistical reports including time & motion studies and job performance.
- Recording and maintaining standard work times for assembly functions, checking and recording manufacturing work output against standard times.
- ISO 9002 Management Representative, chairing Quality Management Review Meetings, Quality Management, administration of ISO documentation.
- Order processing and all order & service related customer contact.
- Staff management, recruitment and supervision of training.

Key Achievements:

- Solely responsible for achieving and maintaining ISO 9002 certification from 1998 to present.
- Factory re-organisation, resulting in 30% reduction of in-process time.
- Installation of semi-automated SMD manufacturing line, reduced first time failures by 80% with increased capacity.
- Setup of contact management data base.
- Promotion to Operations Manager.

Nov 1993 to July 1994 ***Assistant Development Engineer***

This position involved basic engineering design tasks like PCB CAD layout and firmware development. Reported to the Technical Manager.

Main Responsibilities:

- CAD based circuit diagram design, printed circuit board design and layout.
- Firmware programming for Hitachi 6303 µ-Processor.
- Design and development of test equipment and test software in "C" for production.
- Preparation of all production relevant documents including test procedures, assembly descriptions and wiring diagrams.
- Compiling of software user manual
- Translation of user manual into German Language

Key Achievements:

- New Product released with firmware and layout as written.
- Promotion to Production Manager.

July 1993 to Nov 1993 Emigration preparations, move to New Zealand

Aug 1991 to July 1993 Mannesmann Kienzle, Villingen, Germany

Technical Product Manager Service

Mannesmann Kienzle (VDO Kienzle since 1992) develop and manufacture a range of mechanical and electronic instruments for trucks and cars. During employment the main product was the mechanical tachograph accounting for 95% of the annual turnover. 50 of the approx. 3,000 staff were part of the Department of Automobile Technology Product Management and Training. Made redundant together with 300 other employees, only just over 1,200 staff are presently still employed, managed from the VDO headquarters in Frankfurt. The role as Technical Product Manager Service ensured national and international technical product support throughout the product life cycle and reported to the Department Manager.

Main responsibilities:

- Preparing technical documentation for service-technicians like system handbooks, installation guides and operating manuals, Organisation and implementation of training for service technicians.
- Processing of technical claims and reports together with quality / development departments.
- Installation / monitoring of prototypes, fleet management systems and manufacturing ß-series in trucks
- Responsible for special system test terminal, maintenance of its software and programming of modifications.
- Presentation of systems and test terminal during international service marketing and sales conferences.

Key Achievements:

- Successfully held training course in Birmingham, UK, for FMS on board system.
- Installation of prototype refrigeration monitoring system.

Nov 1990 to Feb 1991 **Telenorma GmbH, Frankfurt, Germany**
Software Development Assistant

Telenorma GmbH develop and manufacture a range of telecommunications equipment.
The specific task during this temporary contract as a software development assistant with the department of Multimedia Communications was to implement a Viterbi speech recognition algorithm. Using Hidden-Markov predictive speech recognition models the specific target was to reduce code space and processing time within the TMS320 signal processor by using machine assembler code.

Main responsibilities:

- Re-coding of "C" program used in cross-assembler into target assembler language.
- Debugging code through use of an In-Circuit-Emulator.
- Training of speech recognition system patterns.
- Application of speech recognition patterns and models to optimise code.
- Documentation of code and completing the results in a executive report.

Key Achievements:

- Increased recognition speed of system by more than 80%.
- Increased probability of correct detection from 85% to 96%.
- Reduced code space required by more than 70%.

Project was completed in time as scheduled

Aug 1987 to Oct 1987 **DYNACORD GmbH & CO. KG, Straubing, Germany**

DYNACORD develop and manufacture a large range of electronic music amplification instrumentation including public address systems, mixing desks and speakers.

This 3 months practical work experience was part of the requirements to achieve the university degree and involved tasks such as PCB layout, PCB drilling and hand soldering prototypes, Valve Circuit design. A project within the work experience was the successful construction of a digitally controlled valve guitar pre-amplifier with capability of storing 16 presets.

Aug 1987 **Gerhard Schubert GmbH, Crailsheim, Germany**

Gerhard Schubert GmbH manufactures packaging machines for the FMCG industry.

This one month practical work experience was part of the requirements to achieve the university degree. The specific task was to get an understanding in the Control circuits used to operate packaging machines, to be able to identify these from drawings and to assist in the final assembly and test phase of a packaging machine for Potato Chips.