

Timothy J. Baty: Curriculum Vitae

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Main Skills:

- Developing R&D-related processes & documentation for product development
- Planning and developing departmental intranets & information-delivery systems
- Designing and detailing projects from conception through to production
- Managing 2D/3D CAD systems

Career History:

- 1993 to date **Nokia Networks / IP Mobility Networks, Camberley**
Manufacturer of Base Transceiver Stations for Digital Mobile Telephones
- 1997 to date ***R&D Electro-Mechanical Processes, Tools & Methods Development***
Developing and documenting technical processes for electro-mechanical design teams within product development programs. Contributing to global departmental software application development.
Gathering information, originating content, coordinating, editing and reviewing contributors' material for global departmental process manuals. Contributing to Process Improvement exercises, and developing tools & methods to solve process problems.
Conducting Quality Assessments & Audits to ISO 9001 within product creation programs. Building appropriate quality assessment criteria for electro-mechanical design teams. Preparing audit & assessment results & metrics.
Investigating & analysing Data Management tool usage across R&D teams, and preparing implementation planning material. Collaborating with PDM & Design Data Management users & implementation teams. Defining interface processes & methodologies between design tools and PDM/DDM applications.
Planning, implementing and maintaining global departmental Intranets. Co-ordinating, gathering and editing contributors' content. Developing technical solutions for information delivery issues within Intranets. Liasing with other departmental intranet developers, and contributing to development policy.
Planning and monitoring personal tasks throughout all project phases. Defining and prioritising all technical details within restricted timescales. Writing a wide range of technical documents in compliance with ISO9001 documentation procedures
Assisting R&D staff with CAD data exchange between different computer systems and software environments, including *Mentor Boardstation* and *SDRC I-DEAS*. Providing Expert User support for intranet authoring tools, document management systems, CAD & PC applications.
- 1993-1997 ***R&D Electro-Mechanical Project Support***
Designing and preparing PWB layouts for Backplanes, interconnection systems and control boards within a project-orientated environment. Researching and gathering design information. Ensuring compliance with international technical standards and legislation
Liasing with Design Engineers, external consultants, Production Engineers and suppliers, and developing design solutions which satisfy all relevant parties. Utilising a combined knowledge of Mechanical and PWB Design to harmonise different disciplines
- 1992-2000 ***Future Publishing Ltd., Bath***
Publisher of "PC Plus" Magazine
Reviewing and evaluating PC CAD, 3D Visualisation and Graphics Software. Producing Buyer's Guides for CAD software and graphics hardware. Writing clearly and concisely on technical issues for a large readership of widely-mixed abilities, within tight deadlines (Part-time)
- 1995-1998 ***Basingstoke College of Technology***
Lecturing and tutoring students studying *AutoCAD* C&G4351-series certificates. Planning, preparing & documenting lessons, and preparing study material (Part-time)
- 1988-1993 **Neve Electronics Laboratories Ltd., Royston**
Manufacturer of Sound Mixing Consoles (**Queen's Award: Export 1990**)
Providing electro-mechanical design support for R&D and Marketing, from early phases of large-scale projects, through to final detailing and preparation of production data.
Implementing & managing multi-user *AutoCAD* system, running under *Aprotec Enhancement One* Drawing Office Management system on *LAN Manager* network. Performing 2D & 3D design & visualisation, and preparing production data.
Providing on-site CAD training, tutorials and advice for all system users.

- 1990-1993 ***Technetics Ltd., Royston***
Manufacturer of Satellite & Cable TV Distribution Systems
Designing Printed Wiring-Board layouts for cost-sensitive medium-volume systems. Gathering experience in Surface-Mount and Strip-Line design techniques (Part-time)
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- 1983-1987 ***Pagitek International Ltd., Tewkesbury***
Manufacturer of Typesetting Systems
Designing and detailing electronics packaging, equipment styling, PWB layouts & cables. Installing, operating and customising *AutoCAD* CAD software.
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- 1978-1983 ***Linotype-Paul Ltd., Cheltenham***
Manufacturer of Typesetting Systems (**Queen's Awards: Technology & Export 1980**)
Detailing and designing electronics packaging, PWB layouts and cabling
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- 1976-1978 ***Department of Health & Social Security, Cheltenham***
Gathering experience in clerical and office administration processes

Qualifications & Education:

Qualifications:

- BA (Hons), Architecture Class 2 (II) - Manchester University
- City & Guilds 730/7: Further & Adult Education Teachers' Certificate
- City & Guilds 435/4: AutoCAD Customisation and Management

Education:

Cheltenham Grammar School - 'A' -Levels:

- Art
- Geography
- Mathematics & Statistics

Training & Experience:

Courses:

Software & Applications:

- **EDA Applications:** Mentor Board Station, Design Architect and Logical Cable; Teradyne Vanguard CT-2000
- **MDA Applications:** Hewlett-Packard ME-10; Computervision Medusa
- **Office Applications:** Microsoft Office (Word for Windows, Excel, PowerPoint, Outlook, Project); WordPerfect
- **Databases & Data Management:** Lotus Notes; Documentum
- **Design Tools:** Boothroyd-Dewhurst Design for Assembly and Design for Environment; AutoSketch

Technologies & Processes:

- Auditing to ISO 9001 (BSI)
- Designing for Compliance to UL 1950 (Underwriters' Laboratories)
- Intellectual Property Rights & Patents (The Patent Office)
- Sample-Based Inspection Techniques (Gilb Consultants)
- 3G Telecommunications Overview
- Digital Cellular Communications Overview
- Systems Engineering (DERA)
- Thermal Design (Assessment Services)
- EMC Design
- Electronics
- Manufacturing Resource Planning (MRP)
- Design for Excellence
- Design for Mechanical Assembly and Design for Environment (The Smallpeice Trust and Boothroyd Dewhurst)
- PWB Design for Manufacturing - Intermediate and Advanced
- Computer-Aided Design
- Mechanical Draughtsmanship
- Geometric Dimensioning & Tolerancing (Mitutoyo)
- Web-Page Design Using HTML
- "C" Programming
- UNIX

Management & Personal Development:

- Defining Work Packages and Managing Products

- Planning & Managing Work for Others
- Conflict Resolution
- Assertiveness & Influencing Skills
- Interviewing Skills
- Contract Management – Strategies for Success
- Gaining Commercial Advantage
- Problem Solving Techniques
- Time Management
- Training & Instructional Techniques
- Overcoming Cultural Differences
- Finnish for Beginners

Computer Skills & Experience:

- PC & networking hardware

Operating Systems:

- Windows 2000, NT4, 98, 95, 3.1, 3.0
- MS-DOS
- OS/2
- UNIX
- EPOC

Applications:

- **Office Applications:** Microsoft Office; OpenOffice; Lotus SmartSuite; MySQL
- **Web Authoring:** Lotus Notes/Domino; NetObjects Fusion; Microsoft FrontPage
- **Digital Imaging:** Adobe Photoshop; PaintShop Pro
- **Design & Electronic Publishing:** AutoCAD; Adobe Acrobat; Ghostscript

Programming Languages:

- HTML
- JavaScript
- LISP
- BASIC
- C
- FORTH

Languages:

- French
- German
- Finnish

Miscellaneous:

- Assistant Technical Co-ordinator, AutoCAD User Group UK (1987)
- Secretary, Cheltenham Inter-Varsity Club (1980-1981)

Other Details:

Nationality: English

Date of Birth: 11th November 1953

Status: Married:
One son, born January 1990;
One daughter, born June 2000

Health: Excellent

Driver: Full clean license

Interests:

- Theatre and Visual arts; Music; Architecture
- Photography & Photographic History
- Vintage & Classic cars; Motor Racing