



Resume

Massimo Dardano

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WHILE 1 S.r.l.
P. IVA 06884480010
R.E.A. Torino n. 820351
Iscr. Trib. Torino n. 1515/1995
Cap. soc. 10.400 Euro i.v.

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**Sede legale
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Corso Turati, 70
10134 Torino



WHILE1

Pag 2 of 24

1. PERSONAL PARTICULARS.

| | |
|-------------------------|-------------------------|
| Name | Massimo Dardano |
| Date and place of birth | 02/19/1969 Torino ITALY |
| Company role | Partner & Director |
| Mobile | +39-348-4106180 |

2. EDUCATION.

High degree in COMPUTER SCIENCE from Istituto Tecnico G.PEANO di TORINO (mark : 60/60- 1988).

3. FOREIGN LANGUAGES KNOWLEDGE.

| | |
|---------|--|
| ENGLISH | Spoken and written : good Technical : excellent |
| FRENCH | school level |
| SPANISH | Spoken : good |

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4. ROLES

- Kernel/core software design and develop
- Scrum master
- Large project manager

5. Know How (summary)

Operating Systems

- Windows NT based desktop (since 3.51 to W8)
- Windows NT based server (since 3.51 to 2012)
- Windows Me and 9x
- Windows 3.x
- Unix (Linux, Unix AIX, UnixWare System V e HP-UX)
- DOS
- OS/2
- Olivetti PB (DOS, OS/2, Windows)

Interfaces

- Windows: OLE, WOSA, VDD, DLL, DDE
- Lan: SOCKET, RPC, COM+, HTTP, TLI, NETBIOS, TDI
- Web: HTML, XML, Web Services
- Wan: APPC, TN3270E, TN5250E
- Graphics: MS-Windows
- Queueing: MQ Series, MSMQ

Hardware

- PC and SERVER MONO-MULTIPROCESSOR
- Intel 386, 486, P5-pentium, P54, P6
- Lan processor Intel 82586
- Ethernet , Token-ring, Starlan

RDBMS

- Oracle
- Microsoft SQL Server

Languages

- C
- C++
- Java
- C#
- Assembler 80x86
- Visual Basic e Basic
- PLSQL, Clipper
- Fortran

Protocols

- TCP/IP UDP
- NETBEUI
- SPX/IPX NCP RIP
- NETBIOS
- TOP-NETBIOS
- BSC
- SNA

Environment

- J2ME
- Kernel Microsoft W9x
- Kernel Microsoft NT

Automotive

- ISO 15765, 14230, 11898, 9141 & more
- ISO 22900, 22901, SAE J2534 & more

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6. MAIN ACTIVITIES.

2012-2011-2010

role: Project leader (technical/commercial), project manager, senior consultant, analysis, kernel code developer, deploy management, roll out management

Tasks:

- Large project for new worldwide diagnostic tool: 8000+ workstations worldwide with Windows 7 and XP, 8 brands, tens of vehicle models, hundreds of ECU, tens of protocols, tens of supported languages, large server farm with worldwide SOAP services with geo localized server for improving performances. Study, design, implementation of architecture of software platforms, communication media, protocols, performance, automotive software, integration with central system. The customer is **FIAT Group Automobiles.**

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2009

role: Project leader (technical/commercial), project manager, senior consultant, analysis, kernel code developer

- Tasks:
- Strategic project for new worldwide diagnostic tool: 300+ workstations worldwide with Windows XP, tens of vehicle models, hundreds of ECU, tens of protocols, tens of supported languages. In particular study, design, implementation of architecture of software platforms, communication media, protocols, performance. The customer is **Maserati**.
 - Complex system for compliancy to UE automotive regulations 692 and 715 (Euro 5). Web application with SOAP integration with back end OEM systems and JNLP user interface application for interacting with cars through automotive standards. OEM back end systems implies integrations with many vehicle manufactures (such as PSA, SUZUKI, Chrysler Group). Web interface implements a full ecommerce process. The customer is **Fiat Group Automobiles**.

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2008

role: Project leader (technical/commercial), project manager, senior consultant, analysis, kernel code developer

- Tasks:
- Strategic project for new worldwide diagnostic tool: 300+ workstations worldwide with Windows XP, tens of vehicle models, hundreds of ECU, tens of protocols, tens of supported languages. In particular study, design, implementation of architecture of software platforms, communication media, protocols, performance. The customer is **Maserati**.
 - Implementation of a full SAE J2534 interface on CAN on top of RP1210B interface for UDS (ISO 15765) support for both diagnosis and flashing. Supported OS are Windows XP and 7. The customer is **CNH**.

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2007

role: Project leader (technical/commercial), project manager, senior consultant, analysis, kernel code developer

- Tasks:
- Requirements definition for the new FIAT Group Automotive Diagnosis for both VCI and Ruggedized Host in terms of software platform, communication media, protocols, performance, automotive software, integration with central system. The customer is **FIAT Group (AUTO, IVECO, Maserati, CNH)**.
 - Study, analysis, proof of concept and prototype for a VCI emulator with SAE J2534 interface for emulation of a legacy VCI firmware on HC16 platform. The customer is **FIAT AUTO**.
 - Supporting Vodafone in requirements definition, operating environment, market feasibility for implementation of new mobile services on J2ME platform. The customer is **SUN & VODAFONE**.

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2006

role: Project leader (technical/commercial), project manager, analysis, kernel code developer

- Tasks:
- Design, analysis and development of 3270E host web publisher over HTTP(S) in enterprise environment.. The customer is **FIAT AUTO**.
 - Design, analysis and development of VTxxx host web publisher over HTTP(S) in enterprise environment. The customer is **SAN PAOLO IMI bank**.
 - Vodafone Global board member for J2ME requirements definitions and device certification; technical lead for all certification activities related to J2ME implementations on all handsets in Vodafone Operator Companies portfolio. Relationships with all OpCo's and all Vodafone handset suppliers (Nokia, Motorola, Samsung, LG, etc) The customer is **SUN & VODAFONE**.

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2005

role: Project leader (technical/commercial), project manager, analysis, kernel code developer

- Tasks:
- Design, analysis and development of a file system filter driver for CIFS proxy server architecture based on Windows 2003 platforms transparent to both final file servers and client requesting to access file resources through CIFS protocol (Native CIFS Join). The customer is **Z-Force Inc.**
 - Design, analysis and development of a JAVA applet based on JGraph for design, debug and decode of leaf functions graphs. It is possible to define programmable systems through XML definition where systems capabilities are defined and structured in terms of hardware resources and available assembly statements. The customer is **TATTILE srl.**

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2004

role: Project leader (technical/commercial), project manager, analysis, kernel code developer

- Tasks:
- Design, analysis and development of big worldwide 3 tier web application over internet/intranet for warranty extension management of sold cars. The customer is **FIAT AUTO Italia**.
 - Design, analysis and development of big worldwide 3 tier web application over internet/intranet for file and document exchanges between dealership and head quarter. The customer is **FIAT AUTO Italia**.
 - Design, analysis and development of CRM solution ORACLE and ARS Remedy based. The customer is **SAN PAOLO IMI Bank**.
 - Design, analysis and development of CRM solution ORACLE and ARS Remedy based. The customer is **SAN PAOLO IMI Bank**.
 - Design, analysis and development of CODEC Audio G729.A for Pocket PC ARM based, Windows and Linux platforms. The customer is **TELECOM Italia**.

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2003

role: Project leader (technical/commercial), project manager, analysis, kernel code developer

Tasks:

- Multi-platform file transfer system among mainframes and open systems. The customer is **FIAT AUTO Italia**.

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2002

role: Project leader (technical/commercial) for base-software and applications development group.

- Tasks:
- Enterprise Application Integration for DB loading over mainframes and open systems. The customer is **FIAT AUTO Italia**.
 - Banking Alarm Management System on strong secured client/server architecture. The customer is **SAN PAOLO IMI Bank**.
 - FELIX - HOST Publisher on Web Product – web server independent application server for building web applications or new business logic accessing mainframes (OS390, OS400) and open systems (UNIX) via telnet based protocol. Extended protocols supported no installations on legacy, device and user optional management. Over 2000 users. Customers: **FIAT AUTO, SAVA, SAVA RENT, SAN PAOLO IMI Bank**.

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2001

role: Project leader (technical/commercial) for base-software and applications development group.

- Tasks:
- Design, analysis and development of a Porting to Windows NT project of a SMTP collector's agent and WEB publishing for Business Critical Net Performance and Availability Data Base. The customer is **TILAB – CSELT – Telecom Italia**
 - Diagnostic for SNA architecture on all layers (LU 2.0, LU 6.2, APPC e CICS) for HP UNIX on PA 64 bit connected to OS390. The customer is **SAN PAOLO IMI Bank**.

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**2000**

role: Project leader (technical/commercial) for base-software and applications development group.

- Tasks:
- Design, analysis and development of a **Serial Device Driver** that exposes pairs of crossed standard serial device on Microsoft Windows 2000. The customer is **SCA Motorola - USA**
 - Design, analysis and development of a **Multi/Transport File Transfer** client/server on TCP with Microsoft Windows NT 4.0 as client with server management application with WEB interface.
 - Design, analysis and development of a **X25 File Transfer** client/server on X28/X25 line with PC DOS as client and Microsoft Windows NT 4.0 as server with server management application with WEB interface.
 - Design, analysis and development of a **filter driver** for **Win 2000, NT, 98** to improve performances on **AMI** PCI boards. The driver includes caching algorithms and disk access optimizations to reduce accesses.
 - Design, analysis and development of a **printer driver** for **Windows 2000**. The driver is designed to respect Olivetti printer protocol. The customer is **Cassa di Risparmio** di Torino (Italian bank).
 - Design, analysis and development of a **Graphic Printer Device Driver** for Windows 95, 98, NT 4.0 that exposes a full graphics printer device to applications and converts every print jobs in Postscript documents that are stored in a remote DB using HTTP based application protocol.

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1999

role: Project leader (technical/commercial) for base-software and applications development group.

- tasks:
- Design, analysis and development of a **Text Printer Device Driver** for Windows 95, 98, NT 4.0 that exposes a text only printer device to applications and converts every print job in RTF documents that are stored in a remote DB using HTTP based application protocol.
 - Design, analysis and development of a **FILTER CACHE DEVICE DRIVER** that implements a 2nd level read and write cache on MS Windows NT 4.0.

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1998

role: Project leader (technical/commercial) for base-software and applications development group.

- tasks:
- **FILE TRANSFER on MESSAGE QUEUEING:** three tier file transfer system with NT systems as client, front end on Windows NT clusters and host OS390 IBM as back end based on message enqueueing (MSMQ e MQSeries)
 - **3270 Emulation on HTTP:** three tier emulation system with NT systems as client, front end on Windows NT WEB servers and host OS390 IBM as back end based on HTTP, TN3270 and SNA protocols.

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1997

role: Project leader (technical/commercial) for base-software and applications development group.

- tasks:
- Design, analysis and development of a **Printer Device Driver for Windows 3.11**. It handles in transparent mode all the customer's printers providing spooler for all the supported protocols (IBM proprinter, Olivetti free running, Olivetti controlled).
 - Design, analysis and development of a **Virtual Device Driver for Windows 3.11**. It provides gating capability from DOS banking applications running in **V86 DOS Box Windows** towards a generic Windows printer device driver emulating for DOS applications an IBM ProPrinter. They will be in this way absolutely independent from Windows configuration.
 - Development of a **LAN communication** system to connect an industrial machine dedicated to liven up coils on trolleys with a electronic tool for weighing (control system: **Cimplicity** by **FANUC General Elettric**).

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1996

role: Project leader (technical/commercial) for base-software and applications development group.

- tasks:
- Project for the **whole dealer's network** System Design Specifications, Software Design Specifications, Development. **Consultant** on System and Software choices (customer: **FIAT**). Job on different HW & SW platforms (Windows NT and 95, Unix, PC and servers).
 - Design of a special application for copyrights management using Visual Basic and C on **Windows NT** and **95** (customer: **Iacobacci & Perani**, Italian company that protects trade mark and patents).
 - **Consultant** for definition of **system architecture and networking** for Iacobacci & Perani EDP.
 - **Problem solving** action on networks and system architecture. Definition of new lay-out and realization if it for **VARIAN** on PC Intel based (Windows 95 and NT) and IBM AS400.
 - **Problem solving** on a Windows socket client/server application.

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1995

role: Project leader (technical/commercial) for base-software and applications development group.

- tasks:
- Analysis and development on **UNIX SCO** of a device for serial smart board for **WAN** connections.
 - Project for the **entire dealer's network** System Design Specifications, Software Design Specifications, Development. **Consultant** on System and Software choices (customer: **FIAT**). Job on different HW & SW platforms (Windows NT and 95, Unix, PC and servers).

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1994

role: Project leader and analysis programming roles

- tasks:
- Darwin - Task Navigator **Client/Server Security Integrated system**. **User front end** side running in **Windows**. **Security Server** side running in Unix. The system inter communicates via socket on LAN.
 - **Virtual Device Driver** for Windows 3.1. It synchronously redirects all print jobs of DOS banking applications (running into Windows V86 DOS boxes) to the Olivetti PB Windows printing environment.
 - **Independent Hardware Vendor DLL** for MS SNA Server. It performs the **interface** between Microsoft **SNA Server** and **Olivetti Hardware** for WAN Communication using any protocol among SDLC I, SDLC II, X25 SVC and X25 PVC.

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**Sede operativa
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Via Jervis, 9 –
ICO Centrale
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WHILE 1 S.r.l.
P. IVA 06884480010
R.E.A. Torino n. 820351
Iscr. Trib. Torino n. 1515/1995
Cap. soc. 10.400 Euro i.v.

**Sede operativa
(USA)**
405 El Camino Real
Suite #219
Menlo Park CA94025
Tel +1 (650) 3171974

**Sede legale
(ITA)**
Corso Turati, 70
10134 Torino

**1993**

role: Project leader and analysis programming roles

- tasks:
- Analysis and development of a DLL **Windows.Driver** for scanner CICERO PS 111 & MS II written in C for Olivetti.
 - Analysis and development for a non-standard-product for Windows PB Server for CTS L101 peripheral.
 - Analysis and development of a **Virtual Device Driver** per Windows 3.1. Virtual DOS Spooler Device. It performs printer sharing for DOS applications running into Windows V86 DOS Boxes spooling all jobs (customer: **Olivetti**)
 - Analysis and development of PB Windows User/Server PBSSPG. Windows application that is the interface between VDS and Olivetti PB-Windows environment.(customer: **Olivetti**)
 - Analysis and development of PB Windows Server for CTS LM100 banking peripherals (cheques reader and marker). (customer: **Olivetti**)
 - Analysis and development of a non-standard-product (UPT project) PB Windows Server SIXCOM SIX 3720 peripheral (smart card reader). (customer: **Olivetti**)
 - Analysis and development of a non-standard-product CTS LM100 (customer: **Olivetti**)
 - Analysis and development of a non-standard-product (UPT project) PB Windows Server SIXCOM EPP 111B peripheral (encrypting pin pad smart card reader). (customer: **Olivetti**)

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1992

role: Project leader and analysis programming roles

- tasks:
- Analysis and development of PB DOS Server for CTS DILA 1020 banking peripherals (cheques dispenser). Customer: **Olivetti**
 - **Local Monitoring System** on all PB Windows Server developed by UNITEAM Technology
 - Diagnostic SW for Olivetti OEM RES 502 peripheral
 - **TSR DOS Driver** for Olivetti OEM RES 502 peripheral. It reads data from device and interfaces to Olivetti 3270 emulator.
 - COMPTEST 100 AC Software Package. **High voltage short circuits checker** and guide line for assembling electronics circuits of railway locomotives. (customer: **ANSALDO**)

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1991

role: Analysis programming roles

tasks:

- Analysis and development of a test program converter from GENRAD to SPEA format for analogic, digital and hybrid testing written in C, Clipper and Assembly 80x86

1990

role: Analysis programming roles

tasks:

- Analysis and development of a compiler of SPEA **test meta language** for CLIPTEST 200AD & COMPTEST 50AD systems. The project was developed in C language.
- Development of a Software Package for CLIPTEST 200AD & COMPTEST 50AD systems.

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1989

role: Programmer

tasks:

- Software Package for DITSY system written in C, ASM 80x86, CLIPPER Summer 87.

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