

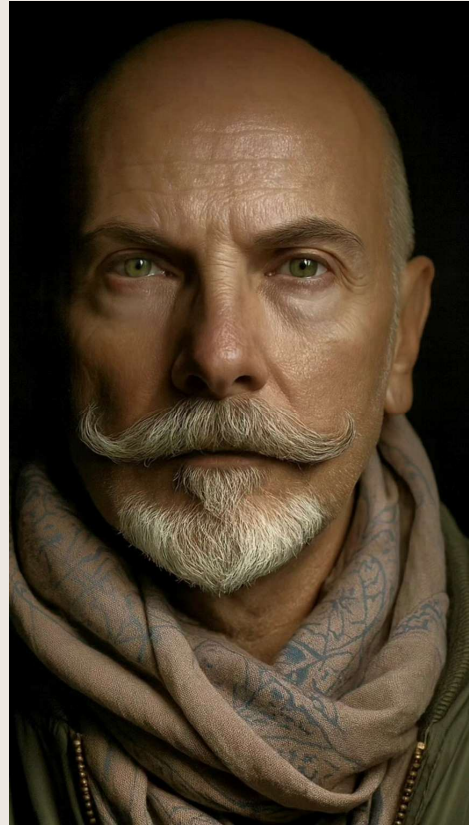
MICHELE DI PAOLA

PROFESSIONAL PORTFOLIO

Senior Software Engineer
Software Architect
Technical Consultant

Over 40 years of software evolution.

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From Honeywell systems to enterprise architectures and AI-assisted software development.

Retail | Integrated Logistics | Utilities | Web Applications

PROFESSIONAL IDENTITY

A technical career shaped by four decades of digital transformation.

Senior Software Engineer with over 40 years of experience in enterprise software design, development and support. My career spans Honeywell systems, client/server architectures, web platforms and modern AI-assisted development across Retail, Integrated Logistics, Utilities and Web Applications.

The guiding principle has remained constant: understand the operational problem, translate it into a reliable software solution and support its complete lifecycle, while maintaining direct relationships with the people and organizations that use the system every day.

PROFESSIONAL VALUE

End-to-end vision Functional analysis, design, development, deployment, support, application evolution and customer relationship.	Technical depth COBOL, Visual Basic, .NET, Java, ASP Classic, PHP, enterprise databases and systems integration.
Operational effectiveness Experience with mission-critical systems, data migrations, 1,900+ resolved support and development cases, defect resolution and on-site support.	Continuous evolution Ability to adopt new technologies while retaining control over architecture, design decisions and code quality.

KEY FIGURES

40+ years of enterprise software development	1,910 support and development cases closed or resolved	34 Utilities client organizations supported
943 software defects and blocking anomalies resolved	2000 year TRIM-UP entered continuous production	20 Swatch store installations in 20+ Italian cities

PROFESSIONAL EVOLUTION

Technologies, responsibilities and industries evolving together over time.

1986–1987	NEW EDP COBOL Programmer Honeywell DPS4 systems; warehouse management, accounting and insurance; RPG III → Honeywell COBOL porting; maintenance of Toro Assicurazioni software.
1987–1996	NCS S.r.l. Analyst Programmer and Technical Consultant Retail, ERP/POS, DOS and Windows networks, barcode, modem, RS-232/RS-422, MSI Datawand, Telxon COBOL-TCAL and Swatch rollout.
1996–2006	DEFINE s.r.l. Senior Software Consultant - Integrated Logistics Warehouse Management Systems, RF and batch mobile terminals, 3D warehouse mapping, location and goods-flow management, SAP Business One, on-site support and programmer training.
2006–2011	UTILIA S.p.A. Senior Software Consultant - Utilities Enterprise systems for gas, electricity, water and district heating; functional analysis, implementations, customer-site support and a six-month on-site legacy-system data migration.
2011–PRESENT	UTILIA S.p.A. Senior Software Engineer Enterprise software for Utilities across four service domains; 1,933 assigned tickets across 34 client organizations, with 1,910 cases closed or resolved, including 943 software defects and blocking anomalies.

TECHNOLOGY EVOLUTION

Technology	Experience
COBOL — Honeywell → RM/COBOL → COBOL for Windows → Micro Focus COBOL	40+ years
BASIC → Visual Basic → VBA → .NET	35+ years
Microsoft SQL Server - from Sybase SQL Server	30+ years
ASP Classic	26+ years
Oracle Database	20+ years
Java - maintenance, troubleshooting and bug fixing	10+ years

Technology	Experience
PHP - web application development	10+ years

PROJECTS AND RESULTS

Projects where technology, operations and customer relationships come together.

SWATCH RETAIL ROLLOUT

Scenario: Completion of 20 store software installations for the Swatch retail network across more than 20 Italian cities during 1991-1992.

Contribution: ERP/POS integration, daily sales transmission via modem, hardware and software installation, network configuration, user training and on-site support.

Value: Proven ability to manage multi-site deployments, commissioning, user training and on-site technical responsibility.

RF LOGISTICS AND 3D WAREHOUSE

Scenario: Design and development of systems for logistics warehouses and mobile data collection.

Contribution: RF and batch terminals, Intermec, Datalogic and Symbol devices, 3D warehouse mapping, location and goods-flow management, process optimization.

Value: Integration of software, physical devices and real operational processes.

UTILITIES AND MISSION-CRITICAL SYSTEMS

Scenario: Development and support of enterprise platforms for gas, electricity, water and district heating across 34 client organizations.

Contribution: 1,933 assigned support and development tickets; 1,910 closed or resolved cases; 943 software defects and blocking anomalies resolved; 1,616 urgent or high-priority tickets handled; six-month on-site data migration.

Value: Production stability, operational continuity, critical-issue resolution and direct relationships with enterprise customers.

AI-ASSISTED SOFTWARE DEVELOPMENT

Scenario: Use of Artificial Intelligence to accelerate analysis, development and prototyping.

Contribution: Prompt engineering, critical review of outputs, integration with existing architectures and human control of design decisions.

Value: Greater speed without delegating quality, responsibility or understanding of the code.

PROPRIETARY PLATFORMS

Products conceived, designed and developed end to end.

TRIM-UP

Integrated ERP Management System for Retail - in continuous production since 2000

Visual Basic | Microsoft SQL Server | Client/Server | Web Portal

- Customer and supplier management.
- Product management with size and color matrix.
- Purchasing, sales orders, inventory and warehouse management.
- Invoicing, reporting and business analytics.
- Multi-user architecture and web portal for remote data access.
- Continuously operating in production since 2000.

BookYourEvent

Worldwide web and Android platform for bookings and business appointment schedules

Web | Android | SQL Server | Internationalization

- Booking and calendar management for commercial activities.
- Multilingual interface and browser-language adaptation.
- Proprietary development of the web and mobile application.

MKAY.IT

Personal web platform for data, creativity and business intelligence

ASP Classic | JavaScript | SQL Server | AI-Assisted Development

- Management dashboards and business analytics.
- Interactive reports and data management.
- Spotify statistics, playlist and campaign management.
- 2D/3D visualizations and extensive internationalization.
- Responsive design, internationalization and AI-assisted prototyping with full human control over architecture and code quality.

EXPERTISE AND VISION

Technical seniority that remains hands-on, curious and solution-oriented.

CORE COMPETENCIES

Enterprise Software Development	Software Architecture	Functional Analysis	Software Design	Database Design
Customer Relationship	Technical Consulting	Bug Solving	Defect Resolution	AI-Assisted Software Development

DATABASES AND ENVIRONMENTS

- Databases: Microsoft SQL Server, Oracle Database, DB2 for IBM i, PostgreSQL, MySQL, Microsoft Access.
- Environments: Visual Studio, Micro Focus COBOL, SAP Business One SDK, Eclipse, Talend Open Studio, SoapUI, TortoiseSVN, Windows Server, Microsoft Office.

EDUCATION, CERTIFICATIONS AND ADDITIONAL INFORMATION

- High School Diploma in Accounting — I.I.S.S. Fabio Besta Milano, Milan, Italy | 1984.
- Programmer Qualification — C.I.D.E., Milan | 1986.
- Sybase Database Administrator | 1996.
- SAP R/3 Report Writer | 1997.
- SAP Business One — courses TB1100-TB1300 | 2003.
- Continuing professional development: Project Management, Cyber Security, Information Security, Privacy and GDPR, Workplace Health and Safety and mandatory corporate compliance.
- Military service completed | 1984-1985.

LANGUAGES

- Italian — Native.
- English — Professional technical reading and documentation.

***“Forty years of software evolution.
Still curious. Still designing. Still developing.”***

Michele Di Paola

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