



CERTIFICATO NUMERO: 29118/2019/R

NULLA



IL RESPONSABILE DEL SERVIZIO CERTIFICATIVO  
( LAGANELLA MARIA ERMELINDA )

Il presente certificato non può essere prodotto agli organi della pubblica amministrazione o ai privati gestori di pubblici servizi della Repubblica Italiana (art. 40 D.P.R. 28 dicembre 2000, n. 445), fatta salva l'ipotesi in cui sia prodotto nei procedimenti disciplinati dalle norme sull'immigrazione (d.lgs. 25 luglio 1998, n. 286). Il certificato è valido se presentato alle autorità amministrative straniere.





## Senior Functional and Technical Solution Architect

### PROFILE SUMMARY

Information technology is a passion more than a job. He started developing his first program at the age of 8 working on a ZX Spectrum 48K. He has a humanistic background.

In 2005 he started working in Hermes Trade where he acted as CTO and COO for the past 10 years. This led his to work on every new technology and technique that arose during this period: lately Predix.

Since 2013 he has been working on various Predix applications as a solution architect and he followed the framework growth step by step: from IIDX to Predix 2.0. He has attended to Predix Transform Trainings in Las Vegas and he's about to get the Predix Certified Exam to become one of the first certified developers in order to represent his company as a true GE partner.

He's currently planning to re-engineer our ERP software, Elemento, on the Predix 2.0 framework.

### PREDIX FRAMEWORK AND DEVELOPMENT

Services and Software	Skill Level
Connectivity	● ○ ○ ○ ○
EdgeManager	● ● ○ ○ ○
Machine	● ● ● ○ ○
Asset Data	● ● ● ● ○
Event Hub	● ● ● ○ ○
Time Series	● ● ● ● ●
SQL Database	● ● ● ● ● +
Blobstore	● ○ ○ ○ ○
Message Queue	● ○ ○ ○ ○
Key-Value Store	● ○ ○ ○ ○
Analytics Runtime	● ● ● ● ○
Analytics User Interface	● ● ● ● ○
Analytics Catalog	● ● ● ● ○
Tenant Management	● ● ● ○ ○
User Account and Authentication (UAAC)	● ● ● ● ● +



Hermes Trade S.r.l  
 Partita Iva: IT 0173520 050 1  
 Matricola REA: 150514 CCIAA:PI  
 Sede Legale  
 P.za D'Ancona, 3  
 56100 – Pisa, IT  
 Sede Operativa  
 Via V. De Gama, 41  
 50127 – Firenze, IT

**Hermes**  
 Hermestrade.com

dba Hermes Consulting Ltd.  
 EIN #: 98-1196040  
 Registered Agent  
 814 San Jacinto blvd, STE 303  
 78701 – Austin, TX  
 Operative Office  
 4141 North Freeway, STE 301  
 77022 – Houston, TX

Services and Software	Skill Level
Access Control Service	● ● ● ● ● ●
Mobile SDK	● ● ● ● ● ○
Views	● ● ● ● ● ● +
Mobile Service	● ● ● ● ● ○
Logging	● ● ● ● ● ●
Business Operation	● ● ○ ○ ○ ○
Trend Anomaly Detection	● ● ○ ○ ○ ○

Languages	Skill Level
HTML5, CSS3	● ● ● ● ● ● +
JavaScript	● ● ● ● ● ● +
Java	● ● ● ● ● ○
T-SQL	● ● ● ● ● ● +
PL-SQL	● ● ● ● ● ○
VB.NET	● ● ● ● ● ● +
ASP.NET	● ● ● ● ● ● +
FORTTRAN 95	● ● ● ● ● ○
Xcode (Cocoa and Swift)	● ● ● ● ● ○

Frameworks/Libraries	Skill Level
jQuery	● ● ● ● ● ●
AngularJS	● ● ● ● ● ○
Bootstrap	● ● ● ● ● ●
Polymer	● ● ● ● ● ○
Ruby	● ● ● ● ○ ○
Wordpress	● ● ● ● ● ●
J2EE	● ● ● ● ● ○
.Net Framework	● ● ● ● ● ●
Node.js	● ● ● ● ○ ○
Cloud Foundry	● ● ● ● ● ○
AWS	● ● ● ● ● ○



Hermes Trade S.r.l  
Partita Iva: IT 0173520 050 1  
Matricola REA: 150514 CCIAA:PI  
Sede Legale  
P.za D'Ancona, 3  
56100 - Pisa, IT  
Sede Operativa  
Via V. De Gama, 41  
50127 - Firenze, IT



dba Hermes Consulting Ltd.  
EIN #: 98-1196040  
Registered Agent  
814 San Jacinto blvd, STE 303  
78701 - Austin, TX  
Operative Office  
4141 North Freeway, STE 301  
77022 - Houston, TX

Database	Skill Level
Oracle	● ● ● ● ● ●
MS SQL Server	● ● ● ● ● ● +
PostgreSQL	● ● ● ● ● ●
Access	● ● ● ● ● ●
DB2	● ● ● ● ○ ○

Software Version Control and Project Management	Skill Level
GITHUB, GIT	● ● ● ● ● ○
CVS	● ● ● ● ○ ○
JIRA	● ● ● ● ● ○

## WORK EXPERIENCE

**Period:** 2005 - Present

**Client:** Hermes Trade SRL, Hermes Consulting LTD, GE O&G, GE Avio

**Role:** CIO, COO, Solution Architect, Project Manager

**Predix Projects:**

1. Labor Watch: Predix 2.0, year 2016
2. Enhanced Deal Interface/Part Flow Engine: legacy Predix, year 2015; migrated Predix 2.0, year 2016
3. GSC Enterprise Asset: legacy Predix on AWS, years 2015 - 2016
4. Predictive Tool: legacy Predix, years 2014 - 2015
5. Oregon: legacy Predix interfaced with GE O&G Thermodynamic DLL CALC80, years 2014 - 2015
6. QC/NC Navigator: legacy Predix, year 2014
7. FSE Visualizer: legacy Predix, years 2013 - 2015; awarded as most innovative application in 2013 by GE O&G CIO

**Responsibilities:** Solution Architect, Project Manager, Technical Leader

**Technologies:** legacy Predix, Predix 2.0, AWS, Cloud Foundry



Hermes Trade S.r.l.  
Partita Iva: IT 0173520 050 1  
Matricola REA: 150514 CCIAA:PI  
Sede Legale  
P.za D'Ancona, 3  
56100 – Pisa, IT  
Sede Operativa  
Via V. De Gama, 41  
50127 – Firenze, IT



dba Hermes Consulting Ltd.  
EIN #: 98-1196040  
Registered Agent  
814 San Jacinto blvd, STE 303  
78701 – Austin, TX  
Operative Office  
4141 North Freeway, STE 301  
77022 – Houston, TX

**Period:** 2005 - Present

**Client:** GE O&G, worldwide

**Role:** Technical Leader, Business Analyst

**Relevant Projects:**

1. GE Salof Acquisition, Oracle ERP Integration, Shertz, TX
2. GIANO, company split, GE O&G Nuovo Pignone, Florence, IT
3. Maximo Integration, GE O&G Nuovo Pignone, Florence, IT
4. Transformation Project, GE O&G Nuovo Pignone, Florence, IT
5. HSC Oracle ERP Integration
6. GE Cameron Acquisition, SAP – Oracle Integration

**Responsibilities:** Technical Leader, Business Analyst, Project Manager

**Technologies:** Oracle, Maximo, SAP

---

**Period:** 2003 - Present

**Client:** Granite International Inc (Italy, Germany, Hungary)

**Role:** Business Process Analyst, Developer, Consultant

**Project:** ERP Integration, legacy system followed by HRP

**Responsibilities:** Business Process Analyst, Developer, Consultant

**Technologies:** HRP, Classic ASP, MS SQL Server, Access

---

**Period:** 2007 - Present

**Client:** Tecnimont, worldwide

**Role:** Business Process Analyst, Developer, Consultant

**Project:** ERP Integration, HRP

**Responsibilities:** Business Process Analyst, Developer, Consultant

**Technologies:** HRP, Classic ASP, MS SQL Server, Access



Hermes Trade S.r.l  
Partita Iva: IT 0173520 050 1  
Matricola REA: 150514 CCIAA:PI  
Sede Legale  
P.za D'Ancona, 3  
56100 - Pisa, IT  
Sede Operativa  
Via V. De Gama, 41  
50127 - Firenze, IT

**Hermes**  
Hermestrade.com

dba Hermes Consulting Ltd.  
EIN #: 98-1196040  
Registered Agent  
814 San Jacinto blvd, STE 303  
78701 - Austin, TX  
Operative Office  
4141 North Freeway, STE 301  
77022 - Houston, TX

---

**Period:** 2009 - Present  
**Client:** Bonatti, worldwide  
**Role:** Business Process Analyst, Developer, Consultant  
**Project:** ERP Integration, HRP  
**Responsibilities:** Business Process Analyst, Developer, Consultant  
**Technologies:** HRP, Classic ASP, MS SQL Server, Access

---

**Period:** 2006 - Present  
**Client:** Dada, worldwide  
**Role:** Business Process Analyst, Developer, Consultant  
**Project:** ERP Integration, HRP  
**Responsibilities:** Business Process Analyst, Developer, Consultant  
**Technologies:** HRP, Classic ASP, MS SQL Server, Access

---

**Period:** 2000 - 2005  
**Client:** GE O&G, Nuovo Pignone, Florence  
**Role:** Developer, Consultant  
**Project:** Site Report, TEAS, TACOMA, SNAM, IMC, etc.  
**Responsibilities:** Developer, Consultant  
**Technologies:** Visual Basic 6, VB.NET, Classic ASP, ASP.NET, FORTRAN 95

---

## EDUCATION

### University of Pisa

Nuclear Engineer, year 1995

### Liceo Classico

High School Diploma, year 1990



---

## LANGUAGES

*\* Common European Framework of Reference for Languages*

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Italian	C2	C2	C1	C2	C2
Portuguese	C1	C1	C1	C1	C1
Spanish	B1	B1	B1	B1	B1
French	B1	B1	B1	B1	B1

---

## RELEVANT METHODOLOGIES

Agile, Scrum, DMAIC, DPMM, 6Sigma, Continuous Integration

---

## RELEVANT CERTIFICATIONS

DMAIC/6Sigma Certification: Green Belt