



**VITTORIO PATERNOSTRO**

Sr Software Engineer

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<http://paterix.com>

## SUMMARY

Experienced and passionate full stack software engineer.

Looking for on-site or remote opportunities.

## COMPETENCIES

Client satisfaction, team work, cooperation, problem solving, agile practices, whole development life cycle, clean code, best practices, test driven quality.

Languages: JavaScript, Java, HTML, CSS, SQL, Bash, C++, C#, PL/SQL, VB, VBA.

Metodologies: Functional, OOD, REST, TDD, BDD, MVC, MVP, UX, Agile.

Experienced: Node.js, Express, JSON, JUnits, J2EE/JEE, Git, GitHub, Npm, Angular, Docker, Postgres, MongoDB.

Tools: Visual Studio, Eclipse, IntelliJ, Selenium, QuickTest Pro, Jira, Bamboo, Toad, Sql Developer.

Past: C++, C#, PL/SQL, VB, VBA, JDBC, RPC, SOAP, AJAX, Postgres, Angular, Docker, POJO, Java Beans, Hibernate, Spring,

Learning: React JS, MongoDB, Python

Additional: XML, RDBMS, Couchbase, LDAP, SmartGWT, ArcGIS, Mocha, Karma, Protractor, Bower, Jboss, Tomcat, SVN, ClearCase, Maven, Windows Forms, Servlets, Jersey, Jax-RS, ASP.NET, JSP, VB, Mockito, BDD, Sonar, Jboss, Ant, Profiling, SQL Server, Access, Sybase, Informix, Photoshop, Dreamweaver, Fireworks, SOHO networking.

## EDUCATION

### Bachelor of Science in Computer Science

DEPAUL UNIVERSITY

*Summa Cum Laude (Highest Honors)*

GPA: 3.9/4.0

Chicago, Illinois

2006 – 2008

### Technical Management Degree

EUROPEAN UNION / MINISTRY OF EDUCATION, UNIVERSITIES, AND RESEARCH

*Higher education scholarship*

*Score 100/100*

Palermo, Italy

1998 – 2000

### Computer Science Engineering

UNIVERSITY OF PALERMO

*Avg: 26/30*

Palermo, Italy

1991 – 1992

1996 - 1998

### Diploma in Computer Science

INDUSTRIAL TECHNICAL INSTITUTE VITTORIO EMANUELE III

*Score: 53/60*

Palermo, Italy

1985 – 1990

## EXPERIENCE

GOVERNMENT AGENCIES, COMPANIES, AND INDIVIDUALS

*freelance* Chicago, Illinois – Melbourne, FL

**English / Italian / Sicilian Translator and Interpreter**

2005 – present

- Translated confidential documents for the Consulate, Air Force, hospitals, law offices, companies (e.g. Lockheed Martin), and for individuals.
- Sworn interpreter for US Courts and law offices, interpreter for government and business meetings, trade

shows, and for individuals.

GENERAL ELECTRIC (GE TRANSPORTATION)	<i>contractor</i>	Melbourne, Florida (USA)
<b>Senior Software Engineer</b>		2017 – 2018

- Developed Autorouter, a system to route American trains automatically, using Java, C++, and JavaScript.

EPSILON DATA MANAGEMENT	<i>employee</i>	Chicago, Illinois
<b>Lead Software Engineer</b>		2012 – 2016

- Built and led a 9-people team to develop from scratch a critical web portal where our clients managed Tableau reports, accounts, files, downloads, previewed and approved advertisements.
- The portal was slick, modern, responsive, and had OATH token single sign-on, thousands of automated tests, was built in a full JavaScript stack (Angular, Node.js, REST, PostGres, LDAP, Couchbase), continuous delivery.
- Managed and mentored 6 direct reports.
- Participated in the company's talent scouting and hiring, having performed 100+ job interviews.
- Business trip to California where I successfully managed a critical software aggregation with a sister company.
- Worked in a Scrum agile team to develop, in Java, SmartGWT, and SOAP, two major web applications for users to manage core business data.

NOKIA	<i>employee</i>	Chicago, Illinois
<b>Software Engineer III</b>		2008 – 2012

- Developed, in a Java, PL/SQL, and Oracle DB multi-tier architecture, the core NAVTEQ/HERE digital maps used by the US government, Garmin, Bmw, Audi, Mercedes.
- Lead a small team to develop, in .NET and ArcGIS, the Transit Editor, an UI application to edit transit maps.
- Led and cooperated with outsourced teams in India and Slovakia.
- Rewrote a complex Java process in PL/SQL making it 200 times faster.
- Business trip to California to participate to the ArcGIS seminar.

INKTEL DIRECT INC	<i>contractor</i>	Chicago, Illinois
<b>.NET Web Developer</b>		2007 – 2008

- Made a web site for automating data import. Reduced cost by 90%.
- Made web site for automating batch shipment. Reduced cost by 40%.

DEPAUL UNIVERSITY	<i>contractor</i>	Chicago, Illinois
<b>Teaching Assistant</b>		2007 – 2008

- Tutored students and graded homeworks and midterms for the courses:
  - Internet Application Development in ASP.NET and C# (Professor Xiaowen Fang).
  - Data Structures and Algorithms in C++ (Professor Joseph Phillis).

GOVERNMENT AND BUSINESS GROUPS, INDIVIDUALS	<i>contractor</i>	Chicago, Illinois
<b>Teacher and tourist guide</b>		2005 – 2007

- Taught Java, PL/SQL, and Italian.
- Took governmental, business, and tourist groups to official and private tours through the city of Chicago.

CONSULATE GENERAL OF ITALY

*contractor*

Chicago, Illinois

**.NET and Web Developer, Data Analyst, Net Admin**

2005 – 2006

- Automated the Italian Residing Abroad Registry data and mailing.
- Coordinated data entry and data analysis teams for political elections in 11 States.
- Developed an archive application. Installed servers and firewalls.
- Restyled and maintained the consulate web site.

INFORMATIX SRL

*owner and founder*

Palermo, Italy

**Business Owner in IT Services**

2002 – 2004

- Built, sold, and maintained computers and networks for home and business. Provided security and data recovery.
- Developed business software applications in VB6, VBA, FileMaker, Access, and Excel.
- Planned and taught courses of Access, MS Office, PC usage for government agencies, businesses, and individuals.
- Created and maintained small web sites and branding with attention to user experience (UX) and graphics.

ERICSSON TELECOMMUNICATIONS

*employee*

Rome, Italy

**Devops Engineer Lead and Software Developer**

2001 – 2002

- Led a project team to install, maintain, and support Sun Sparc servers and telecom software at client site.
- Developed cell phone telecom software in Java, SQL, and Bash.

AMAP SPA

*intern*

Palermo, Italy

**Junior Technical Manager**

1999 – 2000

- Helped managing the network operations center and the human resources of the hydrological system.

FREELANCE

*freelance*

Palermo, Italy

**IT Specialist and Software Developer**

1995 – 2000

- Developed business software applications and small web sites.
- Repaired and maintained computers.
- Taught MS Office and computer usage.

VISIONARIA SRL

*employee*

Palermo, Italy

**Visual Basic Developer and Designer**

1993 – 1995

- Developed Visual Basic software applications for accounting, data analysis, archiving, mailing, and printing.
- Designed business branding, graphics, books, brochures, cards.

CORPS OF CARABINEERS (POLICE)

*employee*

Palermo, Italy

**Carabineer**

1992 – 1993

- Led a squad of 15 carabinieri during academy.
- Performed all kinds of field operations.

I've both Italian and American citizenship.