



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, test driven quality, clean code, best practices, whole development life cycle, continuous improvement, lean and agile mindset.

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

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

Experienced: Node.js, Express, JSON, JUnits, Git, GitHub, Npm, Postgres.

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

Past: C++, C#, PL/SQL, VB, VBA, Angular, Docker, J2EE/JEE, JDBC, RPC, SOAP, AJAX, Postgres, Angular, Docker, POJO, Java Beans, Hibernate, Spring, XML, RDBMS, Couchbase, LDAP, SmartGWT, ArcGIS, Mocha, Karma, Protractor, Bower, Jboss, Tomcat, SVN, ClearCase, Maven, Windows Forms, Servlets, Jersey, Jax-RS, ASP.NET, JSP, Mockito, BDD, Sonar, Jboss, Ant, Profiling, SQL Server, Access, Sybase, Informix, Photoshop, Dreamweaver, Fireworks, SOHO networking.

Learning: React JS, MongoDB, Python.

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)
Senior Software Engineer		2017 – 2018
<ul style="list-style-type: none"> Contributed to the implementation of AutoRouter, a software to route about half the American trains automatically, using Java, C++, and JavaScript. Increased the quality by introducing better code practices and automated testing. 		
EPSILON DATA MANAGEMENT	<i>employee</i>	Chicago, Illinois
Lead Software Engineer		2012 – 2016
<ul style="list-style-type: none"> Built and led a 9-people team to develop from scratch a critical web portal where our clients managed Tableau reports, accounts, files, downloads, and 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 API, PostGres, LDAP, Couchbase), and continuous delivery. Managed 6 software engineers, from junior to senior level. Provided continuous mentoring, code reviews, weekly one-to-one, biannual performance evaluations, and career growth. Participated in the company's talent scouting and hiring. Performed 100+ job interviews. Business trip to California where I successfully managed a critical software aggregation with a sister company. As Sr Software Engineer: 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
Software Engineer III		2008 – 2012
<ul style="list-style-type: none"> 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, and Mercedes. Lead a small team to develop, in .NET and ArcGIS, the Transit Editor, an UI application to edit transit maps. Led an outsourced team in India. Rewrote a complex Java process in PL/SQL making it 200 times faster. Business trip to San Diego, California to participate to the ArcGIS seminar. 		
INKTEL DIRECT INC	<i>contractor</i>	Chicago, Illinois
.NET Web Developer		2007 – 2008
<ul style="list-style-type: none"> Made a web site for automating data import. Reduced cost by 90%. Made a web site for automating batch shipment. Reduced cost by 40%. 		
DEPAUL UNIVERSITY	<i>contractor</i>	Chicago, Illinois
Teaching Assistant		2007 – 2008
<ul style="list-style-type: none"> Tutored students and graded homework and midterms for the following courses: <ul style="list-style-type: none"> Internet Application Development in ASP.NET and C# (Professor Xiaowen Fang). Data Structures and Algorithms in C++ (Professor Joseph Phillis). 		
GOVERNMENT AGENCIES, BUSINESS GROUPS, INDIVIDUALS	<i>contractor</i>	Chicago, Illinois
Teacher and Tour Guide		2005 – 2007
<ul style="list-style-type: none"> Taught Java, PL/SQL, and Italian. Acting as an interpreter and a tour guide, took government agencies on official tours through the city of Chicago; took individual and business groups as well. 		

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 for the whole Consulate.
- 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

consultant

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, and 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.

OTHER

I hold both Italian and American citizenship.