Thimoty Barbieri

Milan, Lombardy, Italy

✉ thimoty@thimoty.it

in linkedin.com/in/thimoty

Summary

Thimoty Barbieri is a freelance IT consultant since 1999, consulting on software design and implementation, testing, IT project management, training for companies and universities, technical translations and legal expertise in litigations. Thimoty and his staff can be hired on a project basis, for teaching a course, or for continuing collaborations on a pre-arranged schedule.

Thimoty Barbieri receives his MSc in Computer Engineering at Politecnico di Milano, Italy, in 1999. In 2003 receives his PhD in Computer Engineering and Automation at Politecnico di Milano. He is now Contract Professor at University of Pavia, where he teaches Software Engineering. For fifteen years he has taught Computer Graphics as Contract Professor at Politecnico di Milano. Since 1991 he works as a freelance translator for international PR companies, technical companies and customers in the field of Graphic Arts, Telecommunications, and Electronics. Thimoty translates from English into Italian, and from Russian into Italian.

Thimoty holds certifications as Software Engineer from Google (GCP Architect and Developer), Oracle (Oracle Cloud Infrastructure Architect, OCE Java EE 6/OCP Java8) , Mulesoft (Developer & Architect), Microsoft (MCP C#), IBM (Rhapsody 8), RedHat (Jboss Certified Developer), IFPUG Function Points, OMG, Project Management Institute (PMP and PMI-ACP Agile), TOGAF 9.1, MongoDB, and other leading software vendors.

Since 1998, Thimoty worked as a professional consultant for domestic and international companies: he has designed and realized several systems for customers such as banks, commercial and trade enterprises, governmental institutions and utility companies. Thimoty has taught Object Oriented Design, Project Management, and Programming in several domestic and international companies using Java / Java EE and open source technology.

Specialties: Software design, Software Engineering, Function Point Analysis, Java EE Development, SOA/SOAP/REST/ESB Integration, UML Design, Java, Higher Education Teaching, Translation

Experience

Owner
ITECH Engineering
Jul 1998 - Present (25 years 4 months)
Information Technology Consultancy, Technical Translations, Technical Training

Enterprise Architecture Senior Consultant
Cegeka
2012 - Present (11 years)
Consultancy for Enteprise Architecture implementations. IT Factory Processes, Guidelines, Enterprise Training on Strategic Technologies, Digital Transformation, Transition of Dev and Ops activities to the Cloud.

Design and Implementation of a Microservices High-Performance Architecture with: Oracle Cloud Infrastructure (OCI), Spring Boot, Spring Cloud, Docker, Kubernetes, Kafka, Kafka Streaming, MongoDB

JBoss 7 Migration, Analysis Design & Implementation of Finance Applications with JEE 6, JBoss 7 for a leading institution in the field of Betting, Numerical Games, Online Games

Data Analysis on Market Data for a leading national bank, development of automated data analysis system on JBoss 7 with JEE6, JSF, JPA, CDI

Management of SCRUM teams for the agile development of financial vertical applications with JBoss 7, TDD, Arquillian, JSF, JPA

Big Data Analysis of Financial Market Trade Data using MongoDB, Python, MLLib, NumPy, Matplot

Mulesoft Training Specialist
Infomentum
Jan 2019 - Present (4 years 10 months)
Mulesoft Certified Trainer

Currently working on HyperAutomation, RPA topics, MuleSoft RPA, Composer, Salesforce Einstein Bots

Courses for which I am Certified Trainer:
- Getting Started with Anypoint Platform 4.x
- Developer Fundamentals Mule 4.x - Level 1
- Integration Solutions Architectures
- Application Network Architectures
- Operations: RunTime Fabric
- Operations: API Management
- Operations: CloudHub / CloudHub 2.0
- Development: API Design
- Development: Production-Ready Development Practices (Lev2)
- Development: Production-Ready Integrations (Lev2)
- Arch: Hyperautomation with Salesforce and MuleSoft

Freelance Translator
Yamagata Europe
Aug 2008 - Present (15 years 3 months)
Translations for Esko Graphics and Enfocus Software
Platforms Used: SDL Trados Studio 2011 Freelance, SDL Trados Suite Professional 2007, Kilgray MemoQ 6, Atril Deja Vu X 2 Workgroup Edition, Alchemy Catalyst 10

Freelance Translator
Esko
Jan 1991 - Present (32 years 10 months)

Technical Translations; Documentation; Marcom; Software Localization

Enterprise Architect
Sisal

Jun 2016 - Jun 2023 (7 years 1 month)

As Enterprise Architect, I am consulting the company in the following areas, in close cooperation with the CIO and CTO:
- Alignment of IT strategy and planning with company's business goals.
- Drive Adoption and Tailoring of TOGAF 9.1 Best Practices
- Optimization of information management through an understanding of evolving business needs and technology capabilities.
- Strategic responsibility for the company's software development activities,
- Promotion of shared methodology and software technologies to reduce costs and improve information flow.
- Ensure that projects do not duplicate functionality or diverge from each other and business and IT strategies.
- Work with solution architects to provide a consensus based enterprise solution that is scalable, adaptable and in synchronization with ever changing business needs.
- Direct involvement in the development of policies, standards and guidelines that direct the selection, development, implementation and use of Information Technology within the enterprise.
- Build employee knowledge and skills in specific areas of expertise, promoting seminars and teaching events

Oracle Training Specialist
Fudgelearn

Jan 2019 - Jan 2023 (4 years 1 month)

Oracle Training Specialist for Oracle Cloud Infrastructure (OCI), Oracle Cloud DevOps, Oracle Kubernetes Platforms (OKE) and Java Based Technologies, Oracle Spatial Database, Spatial&Graph, Oracle ADW Autonomous Database Autonomous Warehouse

Teacher CodeMaster
Talent Garden

Nov 2016 - Sep 2022 (5 years 11 months)

Trainer for Front-End Developers in the Codemaster Course with the following technologies: React.js, Babel, Webpack, Node.js, React Native, Immutable.js, WebSockets, Mocha, Chai. ECMAScript 6 - JavaScript ES 2015 Programming, Functional Programming.

Freelance Translator
C.P. GAUGER CO., INC.

Sep 2016 - Sep 2022 (6 years 1 month)

Technical Translations in the field of Mechanical Engineering, Medical Equipment.

Senior Consultant
ISO SISTEMI

Jul 2014 - Sep 2022 (8 years 3 months)

Consultancy and Training for SOA-based Architectures with SOAP/REST WS, Jax-WS, Jax-RS, JBoss Fuse, Apache Camel, Apache ActiveMQ, Mule ESB. Design and Training of several editions of a Basic and Advanced SOA Design & Implementation course.

Model-Based Systems Engineering, SysML Design, IBM Rhapsody, DOORS NG, Team Concert, Harmony Process, Real-Time System Design with Model Execution, Jazz Platform, DOORS 9.6.1 with Test Tool Tracker

Contract Professor
Università di Pavia
Jan 2007 - Sep 2022 (15 years 9 months)
Contract Professor of Software Engineering at the Faculty of Computer and Industrial Engineering

Contract Professor of Coding at the Faculty of Business Management and Economics

Contract Professor of Software and Web Technologies at the Master Full Stack Software Development

Senior Consultant
Unione Italiana dei Ciechi ed Ipovedenti Regione Lombardia
Oct 2014 - Oct 2019 (5 years 1 month)
Consultancy for implementation of an OpenEDX eLearning platform; eLearning consultancy; content accessibility consultancy

Freelance Translator
Modiano IP Law
2006 - Dec 2018 (12 years)
Translation of patents from english into italian in the fields of Software Engineering, ITC, Telecommunications, Networking

Senior Consultant
Mascherpa Spa
Jan 1999 - Dec 2018 (20 years)
B2B Order Portal, Finance/Warehouse/Marketing Information System

Freelance Translator
SparklingLengua
Jan 2008 - Jan 2018 (10 years 1 month)
Translation and Localisation from English Into Italian

Senior Consultant
Altroconsumo
Jan 2008 - Jan 2018 (10 years 1 month)
UML/ICONIX methodology; UML-Based and Functional Analysis in Agile Processes.

Design and Implementation of a High Avalability Data Cache for a SOA, using MongoDB 3 on Azure MongoLab, Azure Web Services, ASP.NET Web Api, C# 5.0.

Data Analysis and Statistical Inference on Consumer Complaint data using R: assessing Goodness of Fit of parameter proportions on categorical data, to check fitness of a Company Performance Score algorithm (used 95% confidence intervals; chi-squared checks). Performed simulation of Score on sample data, presented study results with plots generated from R and comments.

Lead Technical Consultant, Tactical Applications Italy
RBC

Jun 2013 - Mar 2015 (1 year 10 months)

Application Analysis, Development, Technical Team Leading and Project Management for Tactical Applications Development using Ruby on Rails framework and Agile Methodologies (TDD, Lean, XP)

IT Instructor
Education Time Spa

May 2012 - May 2014 (2 years 1 month)

Instructor for IT Courses: Function Point Analysis, Software Engineering, Project Management for IT

Expertise Consultant
ISLegal

2007 - Mar 2014 (7 years)

Technical Expertise on Information Systems (Procurement, Design, Development) for Litigations

Contract Professor
Politecnico di Milano

Jan 1999 - Feb 2014 (15 years 2 months)

Professor of Computer Graphics

Java EE Senior Architect
FORMAT Systems & Networks S.r.l.

May 2012 - Dec 2013 (1 year 8 months)

SOA Integration, Requirements, Design and Implementation based on Java EE, JBoss 7, Oracle Spatial

Senior Consultant
Atos

Nov 2005 - Dec 2013 (8 years 2 months)

Web Energy Sales project, Miservi project, Energy Metering project

SOA Integration Architect
YouCo

Mar 2011 - Dec 2012 (1 year 10 months)

Design and Implementation of SOA-based integration of Web and Mobile solutions with ERP backends (SAP, BAAN, Oracle-based ERPs), using ESB, SOAP/REST technologies, JD Edwards Enterprise One BSSV Incapsulation with JD E1 Tools 8.98.

Senior Consultant J2EE
Format Systems & Networks
Nov 2005 - May 2012 (6 years 7 months)
J2EE Senior Architect

Partner
Ingenya Srl
Jan 2010 - Dec 2011 (2 years)
Software Engineering Company: ERPs, CRMs, J2EE Systems, Domotics, Mobile Apps

Software Metrics Consultant
Sidi S.r.l.
2008 - May 2011 (3 years)
Certification CFPS Training for Function Point Specialist Groups

Freelance Translator
duomedia
Jan 2005 - Sep 2010 (5 years 9 months)
Marcom for leading computer graphics companies

Senior Consultant
Opera21 SPA
Dec 2006 - May 2008 (1 year 6 months)
Logistics Information Systems

Senior Consultant
Comau
Sep 2007 - Dec 2007 (4 months)
Lecturer and Consultant for UML Real Time Modeling for Robotic Systems

Senior Consultant
Sopra Steria
Jan 2005 - Dec 2006 (2 years)
Customer J2EE Portal for Credite Agricole; Framework Development in J2EE

Senior Consultant
Intersistemi Italia S.P.A
2000 - 2002 (2 years)

J2EE Consultancy, Java over RMI Consultancy, Project Management Seminaries at European Space Agency (Tor Vergata)

Education

Politecnico di Milano
PhD, Computer Engineering and Automation
2000 - 2003
Collaborative Web Based Systems, Computer Graphics, Computer Security and Forensics, Assistive Technology for the Sensorial and Cognitively Impaired

Politecnico di Milano
MSc in Computer Engineering, Information Technology
1991 - 1999

Liceo Classico Carducci
Maturità Classica, Humanities, Classic Literature
1986 - 1991

Licenses & Certifications

American Translators Association Certified Translator EN>IT - American Translators Association
518984

PMP - Project Management Professional - Project Management Institute
1763891

PMI-ACP Agile Certified Practitioner - Project Management Institute
1812307

TOGAF 9.1 Certified Enterprise Architect - The Open Group
110354

JBCAA / RHCJA - JBoss Certified Application Administrator - EAP 6 - Red Hat
Issued Mar 2013 - Expires Oct 2017
130-051-600

PSM-I Professional Scrum Master I - Scrum.org

CFPS 4.3.1 - Certified Function Point Specialist - IFPUG International Function Point User Group

OMG-Certified Systems Modeling Professional SysML - OMG
OMG00017787

IBM Certified Specialist - Rhapsody for Systems V8 - IBM
IBM000102396

MCPS: Microsoft Certified Professional - Microsoft
F372-4868

MS: Programming in C# - Microsoft
F372-4870

OCAJP7 - Oracle Certified Associate, Java Programmer 7 - Oracle
OC1235467

OCPJP7 - Oracle Certified Professional, Java Programmer 7 - Oracle
OC 1235467

OCEJPAD - Oracle Certified Expert Java Persistence API EE 6 - Oracle
OC1235467

OCEJSFD - Oracle Certified Expert JavaServerFaces EE 6 - Oracle
OC1235467

Mongo DB Certified Developer Associate Level - MongoDB
994-208-317

MongoDB Certified Database Administrator - MongoDB
371-424-755

Qing Certified Engineer at Level 2 - ICT Systems Design - FOIM (Fondazione dell'Ordine degli Ingegneri della Provincia di Milano)
A21393c

Honor Code Certificate for Tackling the Challenges of Big Data (February 3, 2015 - March 17, 2015) - MIT Professional Education

SDLPEMT - SDL Post-Editing Machine Translation Certification - SDL
73681

edX Verified Certificate for Introduction to Big Data with Apache Spark - University of California, Berkeley

edX Verified Certificate for Scalable Machine Learning - University of California, Berkeley

Berkeley XSeries Big Data - University of California, Berkeley

Gordon Effectiveness Training - Effective Communication - IACP Istituto del'Approccio Centrato sulla Persona

Data Analysis and Statistical Inference - Duke University
D8Z6R8SAEE

Oracle Certified Professional Java SE 8 - Oracle

Oracle Cloud Infrastructure 2018 Certified Architect Associate - Oracle

Certified Kubernetes Application Developer - Cloud Native Computing Foundation (CNCF)
CKAD-1900-0706-0100

Google Cloud Certified Professional Cloud Architect - Google
13627447

Google Cloud Certified Professional Cloud Developer - Google
14400939

Mulesoft Certified Developer - Level 1 (Mule 4) - MuleSoft
e8db3255-9673-33f4-bceb-8e0e57696e25

Oracle Cloud Infrastructure 2020 Certified Developer Associate - Oracle

Oracle Cloud Infrastructure 2019 Certified Architect Associate - Oracle
e875c103-2363-45c9-a9e2-a42530177e52

Oracle Cloud Infrastructure 2019 Certified Architect Professional - Oracle

Mulesoft Certified Integration Architect - MuleSoft

4a632825-c427-11ea-9f48-0cc47adeb5f8

Mulesoft Certified Platform Architect - MuleSoft

ISTQB® Certified Tester - Foundation Level - ISTQB® - International Software
Testing Qualifications Board
21-CTFL-188535-12

WSO2 Certified - API Manager 4.0.0 - WSO2
L7QWL6

MuleSoft Certified Developer - Level 2 (Mule 4) - MuleSoft

Terraform Associate - HashiCorp
752195b6-b795-427f-8901-6c18dae82bdc

Salesforce Certified Hyperautomation Specialist with MuleSoft - Salesforce

Skills

UML • Software Engineering • Java • Scrum • Agile Project Management • Agile Methodologies •
SOA • Object Oriented Design • Software Design • Computer Graphics

Honors & Awards

Best Of the Web 2000 - Museums & Web
Mar 2000
Award for the WebTalk system I designed and used for the "Virtual Leonardo Project", the first 3D
Collaborative Museum, hosted for several years on the web site of Milan's Science Museum

Rotary Honorable Project for the Disabled - Rotary Club Como Baradello
Aug 2009
A Mention for the results obtained in the Autonomamente Project, a configurable system for remote
domotic motoring of apartments for cognitively impaired people