

Emanuele Buchicchio (last update: october 2020)

Todi, (PG), Italy

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Professional profile

Software engineer specialized in the development of web applications and services.

Always passionate about technology and software development I also dealt with electronics, embedded systems, home automation, industrial automation, internet of things (IoT), industry 4.0, IT security, digital identity, data analysis, artificial intelligence (AI), machine learning (ML), quality management systems, software metrics and statistical methods for process control.

I had held both technical and managerial roles, gaining significant experience, in Italy and abroad, with multinational companies in the electronics and fashion sectors. In November 2011 I obtained master in business administration (MBA) degree.

In recent years I worked on many projects for the Public Administration in various regions of Italy, creating public portals, applications for internal use and data exchange services. Since July 2016 I have been working at Smartpeg srl. Since 2019 I have held the position of Chief Technology Officer (CTO) and Chief Information Security Officer (CISO).

Main Skills

Web application design and development, .Net / .Net Core, C#, Java, JavaEE, Industrial IoT, Embedded Systems, Measurements and data acquisition, AI, ML, cybersecurity, ISO 27001, Cloud, Microsoft Azure, Google Cloud, Agile software development methods, Software quality metrics, Quality management systems and standards

Other Languages (Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	Written production
French	A1	A1	A1	A1	A1
English	C1	C1	B2	B2	B2

Work Experience

Chief Technology Innovation Officer (CTO)

from July 2016

Smartpeg srl – Perugia (PG) – www.smartpeg.eu

- Analysis, design and development of web application for private businesses and government bodies.
- Java Enterprise and .Net web application, Spring, .Net MVC, .Net Web Api, Net self-hosted application, SOAP and REST web services, javascript single page application, Angular2/6, AngularJS. Cloud based hosting and service (Google Cloud, Microsoft Azure e Amazon AWS).
- Web application test automation with Selenium, JMeter, AzureDevOps
- Data analysis with Microsoft PowerBI and R script
- Industrial monitoring and control application, embedded system, smart factory solution.
- Team leader in software development team, GDPR and ISO 27001 compliance.

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Senior Software Developer

from June 2014 to July 2016

Pegaso200 srl – Corciano (PG) – www.pegaso2000.it

Rev. 01 - 2016

- Analysis, design and development of web application for private businesses and government bodies.
- Web service (REST e SOAP) ,ASP.NET, Java8, JavaEE, Spring4. Single Page Application javascript, AngularJS, jQuery, jQueryUI, Oracle Database e Microsoft SQL Server.

Consultant / Software Developer

from Feb. 2011 to Jun. 2014

Gianos Consulting S.r.l.- Orvieto (TR) – www.gianos.it

- Design and development of web, hybrid and native and mobile application (iOS and Android)
- Implementation of CRM solutions based on Sage SalesLogix.
- Design and development of web applications for PC and smartphones ASP.NET / ASP.NET MVC, HTML5, jQuery, jQueryMobile, ExtJS, SenchaTuocho
- Business intelligence and reporting application with Crystal Reports XI e Microsoft Reporting Service

Product Manager

From Oct. 2008 to Jan. 2011

Eles Semiconductor Equipment - Todi (PG) Italy – www.eles.com – info@eles.com

- Life cycle management of software and firmware products: requirements analysis and feasibility study for of new products, definition of roadmap of evolution of existing products,
- Technical and marketing documentation, training on software products and materials for courses

Software Engineer

From Jan. 2007 to Oct. 2008

Eles Semiconductor Equipment - Todi (PG) Italy – www.eles.com – info@eles.com

- Design and development of software products with Microsoft .Net platform, C#, Visual C++
- Definition of development processes based on ISO9000 and CMMI quality management models.

Other work experience

From 2003 to 2015.

- 05/2006 - 11/2006: Internship at Eles Semiconductor Equipment. Software R&D Department
- 2004-2010: Freelance Software Professional (WordPress, Joomla, Java, PHP, Home automation, .Net)
- 2000 - 2003: Editor in charge for the Climbing and Canyoning channel on the portal www.supereva.it
- 2000 - 2003: Climbing instructor and canyoning guide for then Umbria Outdoor consortium

Education and Training

AI Product Manager Nanodegree, Udacity

From Aug. 2020 to Oct. 2020

Microsoft Professional Programs (Data Science, Big Data, AI)

From 2017 to 2019

Professional training courses by Microsoft with final single module exams and final certificate. All courses and exams required by the Data Science Track plus some courses of interest from Big Data Track and Artificial Intelligence Track

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Master of Business Administration (MBA) final grade 110/110

From Jun. 2010 to Nov. 2011

(Master universitario di secondo livello in Business Administration. Università degli studi E-Campus)

Post graduate diploma in blended mode (distance learning with some residencies periods), with course work and exams on economics, marketing, law, business English, human resource management, accounting.

MEng Computer Engineering Final grade 110/110 with honors

From 2004 to 2006

(Laurea Magistrale in Ingegneria Informatica, Università degli Studi di Perugia)

BS information technology engineering. Final grade 109/110

From 2000 to 2004

(Laurea triennale in Ingegneria dell'informazione, Università degli Studi di Perugia).

High school degree. Final grade 100/100

From 1995 to 2000

(diploma di maturità liceo scientifico con sperimentazione PNI, Liceo Statale Jacopone da Todi, Todi (PG).

Other courses and certifications

- 2018-2020: Courses on cloud application development, cloud computing, cybersecurity. Artificial Intelligence, Machine Learning. Azure Fundamentals Certification (exam passed in October 2020)
- 2016: Courses on Internet of Things (IoT), data acquisition and data analysis tools by Microsoft
- 2015: Basic level course on Oracle database, User experience and usability course
- 2014: SCRUM course and Scrum Study SCF certification, Agile development, Kanban e Function Point, AngularJS, Java Spring 4, Business English (advanced), Web Usability
- 2013: Corsi e-Government, privacy, ECDL Health
- 2008- 2012: Business English)
- 2009 - 2010: Home automation (AMX), embedded system, Windows Embedded, Movicon SCADA
- 2010: Microsoft solutions for Business Intelligence
- 2008: Abilitazione alla professione di ingegnere
- 2006: Linux system administrator, Digital signature (CINPA seminar)