



Curriculum Vitae Europass

Personal Informations

Surname(s) / First name(s)	Paro Alberto Maria Angelo
Nationality	Italian
Date of birth	22/10/1977
Gender	M
Phone	+39 3393967287 (Italy) +65 96741987 (Singapore)
Linkedin Profile	http://it.linkedin.com/pub/alberto-paro/6/9b8/137/ (English) http://www.linkedin.com/pub/alberto-paro/6/9b8/137/it (Italian)
GitHub	https://github.com/aparo/
SlideShare	http://www.slideshare.net/aparo/
Books	2013 - https://www.packtpub.com/big-data-and-business-intelligence/elasticsearch-cookbook 2015 - https://www.packtpub.com/networking-and-servers/elasticsearch-cookbook-second-edition 2017 - https://www.packtpub.com/big-data-and-business-intelligence/elasticsearch-5x-cookbook-third-edition

Work experience

Dates	04/2017 → 01/2018
Occupation or position held	Chief Technology Officer at Wimobilize Singapore PTE LTD Wimobilize Singapore is a company specialized in Big Data projects. I'm leading the development and integration of Wimobilize BigData software platform: a solution platform to speed up the development/integration of BigData in companies. Wimobilize BigData software platform provides full featured solution to manage Big Data issues integrating Morpheus-DB (a leader multi data-layer BigData Datastore), Machine Learning Technologies, Natural Language Processing and a ready to use Microservices application layer to reduce the Total Cost of Ownership in design Big Data projects. The solution is linear scalable using NoSQL solutions and allows companies to easy integrate Apache Spark (Hadoop) and streaming programming in their architectures. I manage the full cycle of the product development from clients' requirements to deploy. For my company, I'm the evangelist of NoSQL/Scala/Big Data Solutions in conferences and meetups.
Dates	01/2014 →
Occupation or position held	Big Data Trainer and Consulting
Main activities and responsibilities	National and international (Switzerland, Austria, and U.S.A.) consulting regarding Big Data technologies (i.e. ElasticSearch, Apache Spark - Hadoop, Akka, Play Framework, log monitoring, Machine Learning, Business Intelligence, Accumulo, HBase and advanced analytics) I cover several topics from requirements/analysis, architecture design and validation, development cycle and deploy. I'm partner with RIOS – Rete Italiana OpenSource (http://www.reteitalianaopensource.net/), Italian main contractor for Hadoop (HortonWorks), ElasticSearch and Zimbra. Presenter for Scala programming language events (http://www.scala-italy.it/schedule-detail/alberto-paro). Presenter for Big Data Conferences (http://www.bigdatatech.it/evento-bdt-2015)
Name and address of employer	Paro Alberto Maria Angelo - Via Giuseppe Colombo, 11 - Solaro (MI)
Type of business or sector	Information and communication
Dates	05/2015 →

Occupation or position held	Big Data Trainer and Consulting at Seacom
Main activities and responsibilities	Seacom (http://www.seacom.it/) is the lead Italian Company to support business on Elasticsearch and Kafka (Confluent: https://www.confluent.io/) integration. Seacom is the official part of Zimbra, Elastic and Confluent. We try to cover all the needs in expertise to design, manage and deploy Big Data Solutions: helping integrating Nosql datastores (Elasticsearch, Hbase, Accumulo, Kafka), microservices architectures and moving our customer companies on Big Data business. Via Seacom, I provide advanced support for BigData solutions for a lot of Italian big Companies (such as Accenture, Telecom), and international companies.
Name and address of employer	Seacom S.r.l. - Via Gramsci, 5 – 56023 Loc. Navacchio – Cascina (PI)
Type of business or sector	Information and communication
Dates	02/2015 → 04/2017
Occupation or position held	Technical Advisor at BNova
Main activities and responsibilities	I work with the team of research and development and with the architects of BNova (http://www.bnovaconsulting.it/) to identify new architectural solutions for Big Data applications and new products to be included in the BNova offer. BNova is the official partner of Cloudera and HortonWorks,
Name and address of employer	BNova - Via Massa Avenza, 38, 54100 Massa MS
Type of business or sector	Information and communication
Dates	03/2016 → 06/2017
Occupation or position held	Chief Technology Officer at The Net Planet Europe SRL
Main activities and responsibilities	Leader of development of Brinaetic Suite. The Net Planet Europe SRL provides full featured solution to manage Big Data issues via Machine Learning Technologies, Natural Language Processing and reactive programming. The solution is linear scalable using NoSQL solutions, Akka and AkkaHTTP technologies. I manage the full cycle of the product development from clients' requirements to deploy. Relevant projects in this period are: - INPS ICD9 Classifier: Italian public Healthcare system to monitor medical receipts. The system uses advanced engine that allow to understand medical receipts and assign them to ICD9CM universal healthcare coding. - INPS HelpDesk – INPS Risponde search engine. This system allows to use provide fast response to the INPS helpdesk: it leverages the current knowledge base of INPS and with several Machine Learning algorithms it's able to provide automatic response for INPS requests.
Name and address of employer	The Net Planet Europe S.R.L - Via Manzoni, 37 - Renate (MI)
Type of business or sector	Information and communication
Dates	07/2014 → 12/2015
Occupation or position held	Chief Technology Officer at Big Data Technologies
Main activities and responsibilities	Leader of development of Nabu Suite (a rewrite of Brinaetic Suite), an integrate platform on Scala based on Big Data technologies designed for the cloud. Big Data Technologies SRL provides full featured solution to manage Big Data issues via Machine Learning Technologies, Natural Language Processing and reactive programming. The solution is linear scalable using NoSQL solutions, Apache Spark (Hadoop) and Playframework. I manage the full cycle of the product development from clients' requirements to deploy. For my company, I'm the evangelist of NoSQ/Big Data solutions in conferences and meetups.
Name and address of employer	BigData Technologies S.R.L - Via Manzoni, 37 - Renate (MI)
Type of business or sector	Information and communication
Dates	09/2006 → 07/2014
Occupation or position held	Chief Technology Officer at The Net Planet

Main activities and responsibilities	<p>Project and Product Leader of development of Brainaetic Suite, an expert framework created to answer advanced B2B requirements. This suite is a modern system to process big data, with ORM for Django and Scala to manage its NoSql datastore and graph db engine. I'm the person in charge of Research&Development and employer selection.</p> <p>Brainaetic Suite contains about 100 application modules, such as:</p> <ul style="list-style-type: none"> - ACM: automatic categorization system to assign category to documents; - Cluster: module used to clusterize data and documents; - Feature: module used to extract features from text; - GeoData: geolocalization module to automatically geo localize text and documents; - Indexer: enterprise indexing/search system both documental and graph, cloud native, NLP integrated; - Importer: module used to import documents in several formats and to convert them to be usable for desktop and mobile platforms; - Language: full NLP for working with Italian/English/French and German languages, with entity extraction, concept and context management, ... - PKM: Personal Knowledge Manager, to capture personal data (documents, web pages, web page fragments) - Spider: local and web crawling module; <p>With my deep knowledge of technologies, I cover all the product lifecycle, from the initial requirements analysis, to architecture design, development and deploy. The most evaluable projects are the following ones:</p> <ul style="list-style-type: none"> - OSINT (Open Source INTelligence) for an Italian energy company. Used technologies; Natural Language Processing (NLP), distributed crawler, data brewery. Big Data: more than 1 Billion documents; - KMS, CMS and HelpDesk for financial and banking company. Used technologies: knowledge manager: workflow, NLP, distributed crawler, data brewery; - Log Analyzer (2007): Used technologies: log analysis bigdata, customised to EVT processing (13M docs/day)
Name and address of employer	The Net Planet Europe S.R.L - Via Manzoni, 37 - Renate (MI)
Type of business or sector	Information and communication
Dates	09/2003 → 09/2004
Occupation or position held	Civil Service
Main activities and responsibilities	Civil service at Technical office in Solaro as networking manager and consultant. I develop a software to check garbage collecting and tax payments.
Name and address of employe	Comune di Solaro - Via Mazzini, 60 - Solaro (MI)
Type of business or sector	
Dates	03/03/2003 → 28/07/2003
Occupation or position held	Consultant
Main activities and responsibilities	<p>At Politecnico di Milano, I managed several roles, such as:</p> <ul style="list-style-type: none"> - Professoressa Franca Garzotto, professor helper, in "Laboratorio di Prototipi II" (software engineering, website design and development). - Consultant for MAIS project (Multichannel Adaptive Information Systems), an European project with professor Paolini; I worked on metadesign UML for design for multi-users and multi-devices applications. - Consultant for DICE project (Digital Culture Heritage). I designed a system to do metadata categorization on culture heritage.
Name and address of employe	Politecnico di Milano
Type of business or sector	Information and communication
Dates	04/02/2003 → 27/12/2003
Occupation or position held	Project Leader and Developer

Main activities and responsibilities	I worked on many projects as “tecnologico” (technology expert) in commercial and culture heritage projects as role of information designer as a deep UML expert and meta-tools power user. My thesis project is available at http://www.uwaproject.org that is an example of my skills in this IT sector. In this period I was also worked at the following projects:
Name and address of employe	Politenico di Milano
Type of business or sector	Information and communication
Other activities	
Dates	04/2014 → 12/2014
Occupation or position held	Book Author and Technical Reviewer
Main activities and responsibilities	Author of the Book “ElasticSearch Cookbook – Second Edition” for Packt Publishing (ISBN 978-1-78355-483-6) (https://www.packtpub.com/networking-and-servers/elasticsearch-cookbook-second-edition) and technical reviewer for many other titles (i.e. “ElasticSearch Server – Second Edition” and “Build a Search Server with Elasticsearch”).
Name and address of employer	Packt Publishing Ltd - Livery Place 35 Livery Street - Birmingham - UK
Type of business or sector	Information and communication
Dates	03/2013 → 12/2013
Occupation or position held	Book Author
Main activities and responsibilities	Author of the Book ElasticSearch Cookbook for Packt Publishing (ISBN 978-1-78216-662-7) (http://www.packtpub.com/elasticsearch-cookbook/book)
Name and address of employer	Packt Publishing Ltd - Livery Place 35 Livery Street - Birmingham - UK
Type of business or sector	Information and communication
Dates	08/2013
Occupation or position held	Tech Article Author about Django for Software Developer’s Journal
Main activities and responsibilities	Article of “Beginning with Django” for a international technical magazine.
Name and address of employer	akin9 Media SK 02-676 Warsaw, Poland Postepu 17D
Type of business or sector	Information and communication
Dates	18/08/2003 → 29/08/2003
Occupation or position held	ECDL Teacher
Main activities and responsibilities	ECDL teacher (Patente Europea dell'Informatica) at Disegno Industriale.
Name and address of employe	Politecnico di Milano
Type of business or sector	Information and communication
Dates	28/07/2003 → 08/08/2003
Occupation or position held	Audio/Video Tecnologies Teacher
Main activities and responsibilities	Teacher of Audio/Video Tecnologies for cultural heritage website managers.
Name and address of employe	Cefriel
Type of business or sector	Information and communication
Dates	03/02/2003 → 28/03/2003
Occupation or position held	Teacher
Main activities and responsibilities	Linux Redhat Administration Teacher.
Name and address of employe	Cooperativa “Vivi la Vita”

Type of business or sector Information and communication

Dates 08/01/2003 → 31/01/2003

Occupation or position held **Teacher**

Main activities and responsibilities “Discetech” course teacher for high school teachers about office applications and audio/video editing software.

Name and address of employe Politenico di Milano

Type of business or sector Information and communication

Dates → 27/12/2002

Occupation or position held **OpenSource Developer**

Main activities and responsibilities Main projects were:

- Gtkmm (<http://www.gtkmm.org>) C++ binding of GTK libraries.
- Gnomemm, C++ binding for base Gnome libraries. My major skills went in datasource connection (XML,*SQL,Access).
- Iglade, dbmm, gcomical: various projects
- sourcedreamer: a C++ IDE (<http://sourcedreamer.sourceforge.net>).

Name and address of employe GNOME

Type of business or sector Information and communication

Education and training

Dates 09/1996–12/2002

Title of qualification awarded Bachelor’s degree, Information technology

Principal subjects/occupational skills covered Sector: Networking

Name and type of organisation providing education and training Politecnico di Milano

Dates 10/1991–06/1996

Title of qualification awarded Licenza Scientifica

Principal subjects/occupational skills Covered Licenza Scientifica

Name and type of organisation providing education and training G. B. Grassi di Saronno, Liceo Scientifico

Personal skills and competences

Mother tongue(s) **Italian**

Other language(s)

Self-assessment
European level ()*

English

Spanish

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Advanced User	C2	Advanced User	C2	Advanced User	C1	Advanced User	C2	Advanced User
A2	Basic User	A2	Basic User						
A2	Basic User	A2	Basic User						

(*)Common European Framework of Reference for Language

Social skills and competence Organizational skills, determination, self-motivated, team working.

Organisational skills and competences	<p>Leadership (have been responsible for a team of 10 people), I worked with mixing teams for different geographic locations (Italy, Russia, Malaysia, Australia)</p> <p>Sense of organization</p> <p>Good experience in project and team management</p>
Technical skills and competences	<p>Neural networks, high performance system clustering, categorization, big data, datamining, compression techniques, web design, usability, mission-critical applications, legacy applications, licensing, software architect, data manipulation, data clustering, social engineering.</p>
Computer skills and competences	<ul style="list-style-type: none"> - Operative Systems: UNIX (Linux, SUN Solaris, FreeBSD), MacOSX, Windows (XP/2003/2008/Vista/7/8/10), DOS, iOS, Android - Programming Languages: Scala, Java, C++, Python, C#, VB.net, Java, Object-C, Perl, HTML, Pascal (Delphi), Visual BASIC - Script: Python, Perl, Lisp, Shell-Script (Bash) - Database: *SQL (MySQL, PostGreSQL, ORACLE), XML, Access - Database NoSQL: Accumulo, MongoDB, Cassandra, HBase, ElasticSearch, Riak - NLP Libraries: openNlp, Stanford CoreNLP, factorie - Distributed computing: Apache Spark, Hadoop, Disco, Akka - Distributed Messanging: Kafka, RabbitMQ, ZeroMQ - Cloud: Mesos, docker - Internet: Akka HTTP, Play! Framework, Django, PHP, SSI, HTML, Java (JSP), Javascript, Responsive Design, ReactJS, AngularJS - Office applications: (MS/Open)Office Suite, LaTeX - Graphic: TheGimp, Photoshop
Artistic skills and competence	<p>Static modellism. Diorami creation.</p>
Other skills and competences	<p>Cycling, Cinema, Reading</p>
Driving licence	<p>B</p>