CURRICULUM VITAE

Alessandro Frizzoni

EDUCATION

Degree: **Master of Science** in "Software Engineering Methods"
University of Essex, England
Thesis: "Design and implementation of a Corba objects trader"

Degree: **Bachelor of Science** in "Statistics and Information Technology"
"*Diploma di Laurea in statistica and informatica per la gestione delle imprese*"
University of Perugia, Italy
Thesis: "A software procedure for evaluating marks in statistics"

WORK EXPERIENCE

Employer: **Aria** -(October 2005 – July 2010)
Perugia, Italy.
Job title: **Founder and Ceo**
Founded Aria with the mission of providing broadband internet in rural "digital divide" areas where there was no means of accessing the internet. The broadband network was built mainly using wireless technologies like point to point microwaves and pre-Wimax base stations for the access network. Wireless technologies were in fact economically effective even in the digital divide areas and in a few months Aria had thousands of broadband subscribers, the company grew from being a one man effort to employing a hundred employees. In August 2007 Aria received 2M euros venture capital financing from Gilo Ventures. Furthermore, with the aim of participating in the Wimax spectrum auction in the 3.5ghz band, Aria received an additional 62 million euros venture capital financing from Goldman Sachs and some other private equity funds. In the 3.5ghz spectrum auction Aria obtained a license for all of the Italian territory. Initial deployment of the Wimax network was carried out with Nokia-Simens, Alcatel and Alvarion base stations, the IP backbone was based on Juniper equipment. Following a difference of views regarding the direction of the company, I sold half of my Aria shares in December 2009 and continued to work as Director of Operations until July 2010 when I sold any remaining participation in Aria.

Employer: **LogicaCMG** -(October 2002 – September 2005)
Milan, Italy and Utrecht, Holland.
Job title: **Global Services Engineer**

Worked on the deployment of LogicaCMG wireless messaging solution comprising the MMSC, WAP gateway, SMSC, Voice mail and Video mail. These systems were based on more than 100 high-end Sun servers and more than 150 Cisco switches and routers. Working closely with our customer, 3 Italy, at their site in Milan, supported 3 Italy during installation, testing, configuration and fine tuning, and then when the systems went live, during analysis and troubleshooting of system problems, software upgrades and new releases. Furthermore, acted as special projects engineer for the UK, Italy, Austria, Sweden, Hong Kong and Australia.

Employer: **3** -(Sept 2001 – October 2002)
Reading, England.
Job title: **OSS Design Engineer**

Defined the requirements and designed technical solutions for the element management systems of the UMTS network infrastructure. Liased with the network management system vendors about technical capabilities and features, ensured Hutchison 3G requirements for fault management, performance and configuration were accounted for in system definition and design. Responsible for integrating the individual element managers into higher level management products like HP Openview. In particular, lead the architecture design of the NMS and OSS interfaces for the Location services, defined the management solutions for the Cisco elements, Ericsson's VIG, Alcatel Intelligent Network, and Nokia core elements.

Employer: **Ericsson** -(Oct 2000 – Sept 2001)
Athlone, Ireland.
Job title: **Senior Software Designer**

Worked on the development of "*CN-OSS*" the management system of the Ericsson UMTS core network. The UMTS network accommodates a number of interconnections between a variety of networks, circuit and packet switched, narrowband and broadband, voice and data, fixed and mobile. The *CN-OSS* management system provided a common architecture for the management of the network elements that addresses the configuration, the logging of the events, the remote start, stop and restart of the servers and the operations needed in the case of a system failure.. My role was to design the interfaces between *CN-OSS* subsystems with UML and implement these with Java, Corba and XML as well as being in charge of the setting of coding practices for Java and Corba.