Competency File

Consultant/Engineer

Competencies

Sectors of Business	- Telecom - IT & Corporate Network Services - Automotive

Technological Skills	- Development Analysis - Problem solving - Consulting – Technical - Team management - Software Development - Functional Analyst - Technical Analyst - Support to Production Operation team - Programming languages: C/C++, Python, C#, Perl - Operating Systems: MS-DOS, MS-Windows, UNIX, PSOS - Databases: Oracle, PL-SQL - Software: Ms Office, Understand C, Eclipse, MS Visual Studio

Client Environment	- Enterprise Software application development - Legacy telecom network - µcontroller Firmware Engineering - Network Operation Management - Embedded software - Software Requirements Analysis & Development

Experiences

Period:	from 01/2021
Role:	Senior Analyst software embedded
Company name	Carraro S.p.A.
Project/Area:	Automotive - Automotive OEM - Agricultural Machinery
Activity:	• Software Requirements Analysis & Development • Check software compliance with ISO 61508 (Functional Safety of Electrical/Electronic/Programmable Electronic Safety-related System) • Unit test development with Gmock framework (C/C++)

Period:	from 2014 to 12/2020
Role:	Senior C-PROC developer
Company name	IBM
Project/Area:	IT Provisioning System. Software Requirements Analysis & Development - Database Development - Information technologies (IT) and network Infrastructure
Activity:	• Technical analysis • Development and maintenance of software module in C-PROC language (pre-compiler for database Oracle interface), HP-UX (UNIX) S.O. • Reverse engineering of legacy module • Support to Integration Test and Business Simulation • Modelling SQL query with TOAD and SQLPlus • Support to Production Operation team

Period:	from 2012 to 2014
Role:	Developer and debugger
Company name	Indesit S.p.a.
Project/Area:	Intelligent Systems Electronic platform and product design - Hardware & Firmware Architecture
Activity:	• Firmware developer and debugger for hardware based on Uc Motorola – C language

Period:	from 2010 to 2011
Role:	Technical analyst, software developer
Company name	Atlas Copco BLM
Project/Area:	Industry
Activity:	• Refining requirements and High Level Design Analysis • Writing of Technical Proposal documents • Modelling architectural process. • Modelling SQL query with TOAD and SQLPlus • Graphic interface design and application development • C# with IDE Visual Studio for software development

Period:	from 2002 to 2009
Role:	Senior C-PROC developer
Company name	Vodafone
Project/Area:	IT Provisioning System. Software Requirements Analysis & Development - Database Development - Information technologies (IT) and network Infrastructure
Activity:	• Technical analysis • Development and maintenance of software module in C-PROC language (pre-compiler for database Oracle interface), HP-UX (UNIX) S.O. • Porting application from Digital Unix to HP-UX • Support to Integration Test and Business Simulation • Modelling SQL query with TOAD and SQLPlus

Period:	from 2000 to 2002
Role:	Analyst, Developer
Company name	Cisco S.P.A.
Project/Area:	Network Operation Management - Information technologies (IT) and network Infrastructure
Activity:	• Design and development driver PSOS (Unix like) compliance; • C/C++ language programming

Period:	from 1998 to 2000
Role:	Senior developer Fw
Company name	Magneti Marelli S.p.A.
Project/Area:	Automotive Software Requirements Analysis & Development - Design & Development, Low Level Software - µcontroller Firmware Engineering
Activity:	• Design and development firmware for control of analogue (stepper motor) and digital (display, keyboard) devices based on microprocessors with motorola architecture • C language, Assembly

Period:	from 1988 to 1990
Role:	Developer
Company name	ANC S.p.A.
Project/Area:	Intelligent Systems Connectivity Technologies – Communication
Activity:	• Developer • C language, Assembly 8080

Period:	from 1991 to 1998
Role:	Analyst, Developer
Company name	Elektrene S.p.A.
Project/Area:	Automotive - Magnetic card access control systems, parking automation Software Requirements Analysis & Development - Design & Development, Low Level Software - µcontroller Firmware Engineering
Activity:	• Design and development firmware for control of digital devices based on microprocessors with Zilog Z80 architecture • C language, Assembly Z80

Education

Qualification	**Computer expert qualification, certificate of scientific maturity** (Ettore Molinari – Milano) **Year**: 1996

Trainings	**Title**: Stile di pensiero ed azione vincenti **Year**: 2021

Trainings	**Title**: Stimolare l'autoapprendimento **Year**: 2021

Trainings	**Title**: Sviluppo ed autoefficacia **Year**: 2021

Trainings	**Title**: Problem Solving **Year**: 2021

Trainings	**Title**: Automotivazione ed Autostima **Year**: 2021

Trainings	**Title**: Saper ascoltare **Year**: 2021

Trainings	**Title**: Orientamento al risultato **Year**: 2021

Trainings	**Title**: Tempo: Organizzazione e Gestione **Year**: 2021

Trainings	**Title**: Delegare **Year**: 2021

Trainings	**Title**: Python Intermediate, Django, Flask **Year**: 2022

Languages	• English - Intermediate