

# EUROPEAN CURRICULUM VITAE FORMAT

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## PERSONAL INFORMATION

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**Nationality** Italian  
**Date of birth** 29/03/1974

## WORK EXPERIENCE

<b>Dates (from-to)</b>	04/2023-today
<b>Name and address of the employer</b>	Amazon Web Services, One Burlington Plaza (Dublin, Ireland)
<b>Type of business or sector</b>	Cloud
<b>Occupation or position held</b>	Permanent full time contract
<b>Main activities and responsibilities</b>	System Developer Engineer III in the Valkyrie team which built, maintains and is evolving a routing solution aimed at reducing convergence time in case of network events impacting Amazon networking and as a consequence all (internal and external) customers. Acquired experience with network infrastructure at scale. Leveraged OOP Python and Java programming (API services, validation, parallel and safe workflows). Experience with AWS services (DynamoDB) and distributed databases (Cassandra). Driving architecture design and best practices to build a reliable and extensible service: this includes developing solutions that are both scalable and fail-resilient. Introduction to LLMs. Flexibility in both schedules and service feature required, since the external (dependency) teams priorities were not fixed, and the number of customers requiring our new service was not completely defined.
<b>Dates (from-to)</b>	01/2022-03/2023
<b>Name and address of the employer</b>	Amazon Web Services, One Burlington Plaza (Dublin, Ireland)
<b>Type of business or sector</b>	Cloud
<b>Occupation or position held</b>	Permanent full time contract
<b>Main activities and responsibilities</b>	System Developer Engineer II in the Valkyrie team which builds a system to improve convergence time in case of events to Amazon networking and as a consequence all (internal and external) customers. Acquired experience with network infrastructure (BGP, network grey failures. etc). Leveraged OOP Python and Java programming (API calls, throttling, AAA) to improve the existing (BGP based) service by making it a 3 tier service. Experience with AWS services (SQS,

	DynamoDB). Introduction to Machine Learning: LLM.
<b><i>Dates (from-to)</i></b>	10/2018-12/2021
<b><i>Name and address of the employer</i></b>	Amazon Web Services, One Burlington Plaza (Dublin, Ireland)
<b><i>Type of business or sector</i></b>	Cloud
<b><i>Occupation or position held</i></b>	Permanent full time contract
<b><i>Main activities and responsibilities</i></b>	System Developer Engineer II in the STRADA team which provides best practices and automation for Amazon networking services teams. Acquired experience with managing and automating network infrastructure tasks at scale. Leveraged OOP Python and Ruby programming (API calls, throttling, AAA). Experience with AWS services (S3, IAM, CloudWatch). Deep diving of Ruby. Automation of new region builds. Driving standards adoption and best practices across the org: this includes developing solutions that are both scalable and fail-resilient. Introduction to Machine Learning: K-Means, DBScan, NLP (through scikit-learn).
<b><i>Dates (from-to)</i></b>	04/2016-09/2018
<b><i>Name and address of the employer</i></b>	Amazon Web Services, One Burlington Plaza (Dublin, Ireland)
<b><i>Type of business or sector</i></b>	Cloud
<b><i>Occupation or position held</i></b>	Permanent full time contract
<b><i>Main activities and responsibilities</i></b>	System Developer Engineer in the L7 load balancing team which provides load balancing solutions for Amazon internal teams and for customer services. Acquired experience with managing and automating network infrastructure tasks at scale. Started OOP Python programming (API calls, throttling, AAA). Introduction to Java programming (Collections, workflows, threads). Evolution of the Data warehouse analytics platform for the load balancing team. Experience with AWS services (Athena, S3, IAM, CloudWatch, Lambda). Basics of Ruby. Automation of new region builds (automating tasks in a restricted environment). Driving standards adoption and best practices across the org: this includes developing solutions that are both scalable and fail-resilient.
<b><i>Dates (from-to)</i></b>	09/2008-03/2016
<b><i>Name and address of the employer</i></b>	MaxMara Fashion Group, Via Giulia maramotti, 4 (Reggio nell'Emilia)
<b><i>Type of business or sector</i></b>	Textile
<b><i>Occupation or position held</i></b>	Permanent full time contract
<b><i>Main activities and responsibilities</i></b>	Senior system and security administrator on Linux/Unix environment, implementations for network infrastructure (both hardware and software) and for security infrastructure. TCP/IP network upkeep. Linux, Mac OSX and Windows server management and installation. Growth experience about: BIND 9, Apache 2.2 and 2.4, IPTables, CISCO PIX, Squid 3, OpenVPN; acquired experience with SAP administration, RedHat (CMAN, corosync, GFS2 clustered FS) cluster, KVM (Linux Kernel-based Virtualization Machine) and Xen, Cisco switches and routers, Cisco VPN, pfSense, Python programming. Management and design of services' architecture and hardware/

supplier selection, in charge as phone, connectivity and external network providers frontend.

Interaction with development team and final users for services delivered to the whole group, granting availability, security and flexibility. Implementation, test, optimization and hardening SAP infrastructure in a RedHat cluster with DB Oracle 11. Configuring SAP Solution Manager, SAP router (with SNC protocol), NetWeaver, ERP 6, BOPC 7.5. Installation and deployment of BYOD guest wifi network with PacketFence 4.1. Configuration of Mikrotik routers (RouterOS) and Cisco Aironet access points. Introduced LDAP and Kerberos using FreeIPA software, to authenticate users, computers (for wifi) and pave the way to SSO. Installed OwnCloud to offer services similar to Google Drive.

<b><i>Dates (from-to)</i></b>	08/2003-09/2008
<b><i>Name and address of the employer</i></b>	SysNet s.n.c., Via Dossi, 8 Via Ognibene, 8 (Pavia Parma)
<b><i>Type of business or sector</i></b>	Services
<b><i>Occupation or position held</i></b>	Permanent full time contract
<b><i>Main activities and responsibilities</i></b>	Linux/Unix system administrator, implementations for BancaIntesa network infrastructure. TCP/IP network expert. Linux, Solaris and Windows servers administration and installation. Acquired experience using: BIND 9, Apache 2, IPTables, CISCO PIX, Foundry networks switches, Squid 2.4 and 2.6, Samba 3, WebWasher 5, SOCKS, OpenVPN. Basic notions about human resources
<b><i>Dates (from-to)</i></b>	01/2001-08/2003
<b><i>Name and address of the employer</i></b>	Infoware s.r.l., Via Langhirano (Parma)
<b><i>Type of business or sector</i></b>	Services
<b><i>Occupation or position held</i></b>	Permanent full time contract
<b><i>Main activities and responsibilities</i></b>	Windows NT/2000/2003/2008 system administrator, problem solving and implementations for IntesaBCI bank main offices network. automatic installation procedures, TCP/IP and Netbios helpdesk. Windows servers administration.
<b><i>Dates (from-to)</i></b>	11/2000-12/2000
<b><i>Name and address of the employer</i></b>	OS&C Labs, Lemignano di Collecchio (Parma)
<b><i>Type of business or sector</i></b>	Services
<b><i>Occupation or position held</i></b>	Collaboration
<b><i>Main activities and responsibilities</i></b>	Lotus Notes developer for workflow procedures accessed via web for Cassa di Risparmio di Parma e Piacenza.
<b><i>Dates (from-to)</i></b>	06/2000-08/2000
<b><i>Name and address of the employer</i></b>	USA Government, New Mexico (USA) (Los Alamos)
<b><i>Type of business or sector</i></b>	Research
<b><i>Occupation or position held</i></b>	Collaboration on a regular basis

***Main activities and responsibilities***

Java developer for a Java3D interface to a performance analyzer for NUMA machines (multiprocessor/shared and distributed memory) under Irix SGI O2/Solaris Sparc.

<b><i>Dates (from-to)</i></b>	01/2000-10/2000
<b><i>Name and address of the employer</i></b>	Ministero della Pubblica Istruzione, (Parma)
<b><i>Type of business or sector</i></b>	School
<b><i>Occupation or position held</i></b>	Collaboration
<b><i>Main activities and responsibilities</i></b>	System and network administrator in a mixed network with Windows NT 4 (server) ,Windows 95/98 and Linux. Proxy/firewall/NAT management for shared access to the internet through an ISDN connection at Liceo Scientifico Ulivi in Parma
<b><i>Dates (from-to)</i></b>	11/1999
<b><i>Name and address of the employer</i></b>	Tecnes Milano, Via F.lli Bronzetti (Milano)
<b><i>Type of business or sector</i></b>	Services
<b><i>Occupation or position held</i></b>	Collaboration
<b><i>Main activities and responsibilities</i></b>	Installazioni/customizations of Windows NT 4, Lotus Notes & ccMail at EniChem (CA)
<b><i>Dates (from-to)</i></b>	05/1999
<b><i>Name and address of the employer</i></b>	Tecnes Milano, Via F.lli Bronzetti (Milano)
<b><i>Type of business or sector</i></b>	Services
<b><i>Occupation or position held</i></b>	Collaboration
<b><i>Main activities and responsibilities</i></b>	Unix (AIX) scripts with Korn Shell to interface SAP/R3 with NFS Maestro, Maestro administration at Piaggio/IBM (Pontedera - PI)
<b><i>Dates (from-to)</i></b>	01/1999
<b><i>Name and address of the employer</i></b>	Tecnes Milano, Via F.lli Bronzetti (Milano)
<b><i>Type of business or sector</i></b>	Services
<b><i>Occupation or position held</i></b>	Collaboration
<b><i>Main activities and responsibilities</i></b>	System and network administrator Windows NT4 at EniData (MI, NA, etc.)

**Dates (from-to)** 12/1998  
**Name and address of the employer** Tecnes Milano, Via F.lli Bronzetti (Milano)  
**Type of business or sector** Services  
**Occupation or position held** Collaboration  
**Main activities and responsibilities** System and network administrator Windows NT 4 at Andersen Consulting (MI)

**Dates (from-to)** 1998  
**Name and address of the employer** Sintec, Sant'Ilario d'Enza (Reggio Emilia)  
**Type of business or sector** Services  
**Occupation or position held** Collaboration  
**Main activities and responsibilities** Java/VB5 developer: DB access applications

**Dates (from-to)** 12/1997  
**Name and address of the employer** Tecnes Milano, Via F.lli Bronzetti (Milano)  
**Type of business or sector** Services  
**Occupation or position held** Collaboration  
**Main activities and responsibilities** Problem solving with Windows 95/NT at Telecom Italia (VE)/CNR (PD)

#### EDUCATION AND TRAINING

**Certification** RedHat RHCT  
**Certification** Veritas/Symantec Data Protection (Storage Foundation & NetBackup)  
**Course** La negoziazione interpersonale

**School** Liceo scientifico A.Moro indirizzo informatico  
**Vote** 48/60

#### PERSONAL SKILLS AND COMPETENCIES

**Mother tongue** Italian

<b>Other languages</b>	English
<b>Reading skills</b>	Excellent
<b>Writing skills</b>	Excellent
<b>Verbal skills</b>	Good

<b>ORGANISATIONAL SKILLS AND COMPETENCES</b>	Organization of a group of persons as the local reference for the company at the main customer (in SysNet)
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**TECHNICAL SKILLS AND COMPETENCES**

**Computers**

- PC
- SUN Sparc Solaris
- HP parisc HP-UX 10.20
- Apple Macintosh G3

**Programming languages**

Java, C, Turbo Pascal, Basic, Shell scripting, awk, Batch Windows (Windows NT)

**Operating Systems**

Linux, DOS, Win9x, WinNT, Win2000, Solaris, AIX, basic notions of Unix and good TCP/IP knowledge

**Softwares**

Netscape, Mozilla  
Office (95, 97, 2000)  
Lotus Notes

<b>Driving license</b>	B (car)
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