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It is a very long time, so it is impossible to remember and describe everything. Also the dates cannot be very precise, most skills were acquired career-wide as opposed to being mission-specific.

LINUX (1999 – to date)

Main operating systems: Debian, RHEL, Ubuntu, Arch, Gentoo.
Both personal and professional.

- Installation, configuration, customisation, diagnostics and troubleshooting.
- Administration.
- Networking.
- Performance-oriented kernel tuning and recompilation.
- Performance-oriented software tuning and recompilation (compiler tweaks, math libraries).
- High Performance Computing (HPC).
- Linux clusters and servers (including HPC facilities).
- GPU computing (TensorFlow, cryptocurrency mining, quantum chemistry, biomolecular simulations).
- Queueing systems (PBS).
- Proficient shell scripting.
- Complex workflow automatisation (using Python, Bash and PowerShell). The kind of tasks one typically accomplishes using Knime or Pipeline Pilot.
- Batch processing.
- Logical Volume Manager spanning several disks.
- Software and hardware RAID.
- RAM file systems.
- Job schedulers (cron).

UNIX (limited experience)

- Solaris (user) and OpenSolaris (administrator).
- AIX servers (user).

HARDWARE

- I have build my own multi-GPU workstations from scratch and upgraded them over the years (https://prosciens.com/prosciens/gpu-computing/).

DATA SCIENCE AND MACHINE LEARNING (2016 - to date)

- R (limited experience).
- Julia (learning).
- Python (seasoned).
- Diverse scikit-learn models (primarily Random Forest).
- TensorFlow (limited experience).
- Databases: MySQL, MariaDB (limited experience).
- Pandas (data processing, normalisation, etc).
- Math libraries: Numpy, Scipy.
- Automatic data retrieval and update (urllib, Selenium).
- Data representation (MatPlotLib, GNUPlot).
- Cartographic representation (Folium).
- Curating large volumes of heterogeneous data (normalising, debiasing, filtering) .

MISCELLANEA

- Web development (basic experience).
- Wordpress and Prestashop (e-commerce) deployment, customisation and administration.
- Basic video (ffmpeg), photo (The GIMP), vector graphics (Inkscape) and audio editing.
- Video subtitling.
- PHP (limited experience, mostly customising Wordpress and porting algorithms for web deployment).
- Office applications (MS Office, OpenOffice/LibreOffice).
- As a computational chemist I have worked with hundreds if not thousands of scientific packages and codes (mostly C++, FORTRAN and Python, many requiring customised compilation).
- PRINCE 2 Foundation project management certification.
- Languages: fluent in French, English, Portuguese and Spanish. Good understanding of Italian and working towards regaining intermediate level of German.

IT SUPPORT LEVEL 1

June 2018 – mid November 2018.
Econocom for the PSA group (Vigo, Galicia).
Languages: French (90 %) and English (10 %).

- First line of support for the PSA group (210,000 direct employees).
- Extremely complex IT ecosystem (factories, engineers, servers, databases, think clients, robots, networking, advertising, marketing, accounting, administration, sales, sale points, car mechanics, navigation systems, VIP executives, etc).
- Thousands of in-house developed applications. (including web apps).
- Mission critical infrastructure and emergency protocols.
- Excellent but very large in-house knowledge databases and strict protocols.
- SDI ticketing system.
- 40-80 incoming calls per day.
- Strict goals: ideally no more 5 minutes per call and 50 % of tickets to be resolved on call. Redirection of the rest to the appropriate department.
- Diagnostic and troubleshooting.
- Main standard technologies: Windows 10, Windows 7, Microsoft Office, Office 365, Outlook, Exchange, VPN, networking, Remote Desktop, authentication, encryption.
- Remote access to users computers was part of the daily routine (diverse tools, both standard and in-house developed).
- Offered a promotion to level 2 after four months.

IT SUPPORT LEVEL 3

January 2020 – July 2020.
Concentrix for Microsoft (A Corunha, Galicia).
Languages: English (100 %).
Member of the "Performance, High Availability and Storage" team.

- The client base was composed primarily of system administrators from large corporate and governmental organisations.
- Most issues were complex and resolution required a fair amount of research and diagnostics.
- Typically, 10-20 tickets simultaneously open at any given time.
- Strict protocols, quality standards and deadlines.
- Periodic technical reports and contributions to internal documentation.
- Elaboration of detailed reports and instructions for customers.
- I met the quality requirements (4.85 out of 5 stars in quality reviews, minimum requirements 4.5 stars).
- Main standard technologies: Windows Server 2019, Windows Server 2016, Windows Server 2012, Windows 10, Microsoft Office, Office 365, Outlook, VPN, networking, authentication, Remote Desktop, Hyper-V, Active Directory, Azure Cloud Services.
- Ticketing systems: Microsoft HelpDesk and CaseBuddy.
- Very diverse knowledge bases from Microsoft.

- Diverse diagnostic, debugging, performance, monitoring and troubleshooting tools (NetMon, PerfView, PerfInsights, Process Monitor, procdump, TSS toolset, etc).
- Remote access to clients computers was almost mandatory (diverse tools).
- I developed my own custom Windows Shell and PowerShell diagnostic scripts.