High Performance Computing (HPC)
Software, System & Cloud Architect

Marc LEVRIER
58 yo - Married – 2 children
French national
Car & motorcycle licenses

Cell: +33 (0)6 08 22 11 49
Land: +33 (0)9 54 37 16 94
aum432@protonmail.com
linkedin.com/marc-levrier-213730
Dourdan (91) - France

IMPACT HPC — 2024...

CEO & Founder
Cloud HPC expertise & advisory

Atos — 2014-2023
Bull atos technologies — 2007-2014
SERVIWARE — 2002-2007

Distinguished Atos Expert
R&D Lead architect for Cloud HPC & 10-person team leader
International communications, conferences and seminars
Bull Extreme Factory Lead Architect & Team Leader (15 people)
Technical design of Bull's HPC on demand offer
LEXIS EU project: architecture design
EPI (European Processor Initiative) project member
Professional & Advisory Services, Strategic studies
International pre-sales expert
Co-author of several scientific papers
Co-owner of 6 patents

Ghilde SARL — 1999-2002

Scientific and technical software expertise
Scientific computing, 3D visualization, 3D immersive environments
Subcontracted software development for large accounts
(PSA, Air Liquide, Honeywell, IGR, Odyssée & partnerships: SUN, Barco)
Development of portable software applications (networking, 3D graphics),
Business development and technical partnerships
(SUN, PSA, BARCO, ThetaScan, LightWave Communications...)
Software reselling and training: OpenMP/Kap Pro Toolset (now Intel software)
System administrator

---

océ — 1996-1999

Dutch company now owned by Canon
Large format scanners and printers
Software architect & technical team manager (40 developers)
Real-time, multiprocessing, multithreading on Windows NT and Linux
Software engineering methods: C/C++, UML / OMT, V cycle
Automated testing

GUSTAVE / ROUSSY CANCER CAMPUS GRAND PARIS — 1991-1996

Software product developer and tech lead (France and Europe)
Responsible for Radiosurgery treatment planning systems
Scientific computing and 3D image processing for Radiotherapy and Radiosurgery
Scientific communications (international)
16 months mission in University Hospital of Leuven
(Dutch-speaking Belgium)
Unix, C, Fortran, Unix shells

Krebs & Co — 1990-1991

10-month E.S.I.E.A. graduation internship and memoir
Production management, discrete processes modelling
and simulation applied to petrochemical plant design

High Performance Computing (HPC)
Software, System & Cloud Architect

Extra professional activity

Co-founder and manager of a small real-estate investment company
In Chartres's historic center (France)
Rental of 5 apartments
Financial management
Remodeling works
Website

Education

e s i e a
ECOLE D'INGENIEURS
DU MONDE NUMÉRIQUE

1984-1990

E.S.I.E.A. graduate engineer / BSc
Graduate Engineering School
in Information Technology,
Electronics and Automation

1984

High School Graduation / A-level (D series: Math, Physics, Biology)

Languages

French (native)
Professional English (married to an American national)
Basic notions of Spanish, German and Dutch

Technology

Operating systems: Windows, Linux, Unix
Languages: Python, Java, Bash, C/C++, Fortran, PHP...
Containers, Virtualization, Kubernetes...
CI/CD: Atlassian, Git, Jenkins...

Hobbies

Music: guitar, vocals, song writing and live performance
Sports: Motorcycling, Ski, Unicycle, Acroyoga
Nature: organic vegetable garden & orchard
Philosophy, Science, Literature
Autonomy & low-tech