



Luis Ildefonso GÓMEZ SOLANA
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SUMMARY

Software Engineer working as Technology Architect with over 10 years of experience where we develop architectural solutions based on business requirements. Focused on mainstream servers and networking products. Great communication and presentation skills. Proficient in a wide range of programming languages and technologies. My passion is finding innovative solutions. Seeking a challenging role to leverage my technical expertise, programming knowledge, and customer-focused approach.

EDUCATION

NATIONAL DISTANCE EDUCATION UNIVERSITY - UNED

2020-2021

CYBERSECURITY MASTER'S DEGREE

- Developed techniques for attacks on communication systems and applications (Ettercap, hashcat or SET).
- Proficient in implementing robust security measures, risk assessments, and developing strategies to mitigate cyber threats.
- Skilled in managing security incidents and safeguarding organizations against evolving cybersecurity challenges.
- Experienced with techniques and tools for a forensic analysis such as Autopsy.
- Presented the thesis project showcasing a SDN environment with network security threads for training.

CZECH TECHNICAL UNIVERSITY - CVUT

2011 -2012

ERASMUS AT CVUT

- Developed a more global perspective with enhanced cultural understanding, and collaborated with international students on software development.
- Acquired valuable cross-cultural communication and adaptability skills.

POLYTECHNIC UNIVERSITY OF MADRID - UPM

2004-2012

MSc IN COMPUTER SCIENCES ENGINEERING

- Demonstrated strong analytical and problem-solving skills in various languages, including Ada, Java and C.
- Completed coursework in areas such as Object Programming, Database Systems and Computer Networks.
- Acquired in-depth knowledge of algorithms, data structures, and problem-solving techniques.
- Acquired a solid understanding of software engineering principles, including requirements analysis, testing, and maintenance.
- Explored emerging technologies and industry trends to stay up to date with advancements in the field.

EXPERIENCE

HEWLETT PACKARD ENTERPRISE

Aug. 2012 / Prague

TECHNOLOGY ARCHITECT

- Collaborated with Partners, Distributors and HPE employees (EMEA region) to provide high-quality Data Center Architecture Solutions, presenting future upgrades plans, and recommending Best Practices by communicating beneficial business-oriented changes to Customers.
- Focused on HPE and Aruba Networking portfolio to provide pre-sales technical support to my team and other colleagues.
- Proficient in designing wireless plans with tools like Ekahau, ensuring optimal performance and reliability.
- Presented in-depth technical solutions on both individual products or complete Solutions on a holistic perspective, achieving and exceeding customer expectations.
- Excellent communication skills with BUs for gathering additional information and communication abilities, facilitating effective knowledge transfers among my peers.

CESUR

Sept. 2020-Mar. 2021 / Madrid

MULTI-PLATFORM APPLICATIONS DEVELOPER TEACHER

- Core Designing and developing curriculum for multi-platform application development courses, ensuring it aligns with industry standards and best practices.
- Conducted engaging and informative lectures on various computer science topics, ensuring clear communication of complex concepts to students.
- Mentored students in identifying and resolving technical issues, utilizing systematic troubleshooting approaches.
- Illustrated the integration of various technologies, such as APIs, databases, and cloud services, into multi-platform applications.

POLYTECHNIC UNIVERSITY OF MADRID - UPM

Oct. 2009-Sept. 2011 / Madrid

WEB DEVELOPER AND SYSTEMS ADMINISTRATOR

- Design and development Pentaho Data Integration transformations to feed a MySQL Database.
- Web Developer (HTML/XHTML, CSS, PHP and JavaScript).
- Help to maintain and deploy current software stack into current hardware.

ACTIVE TECHNICAL CERTIFICATIONS

2022/ 2023

- HPE ATP – Hybrid IT Solutions V2 - HPE0-V14
- Aruba Design Fundamentals - HPE6-A66

SKILLS

PROGRAMMING LANGUAGES ***Experienced:*** Python | Java ***Familiar:*** Javascript | Bash | SQL | Java | Latex
SOFTWARE DEVELOPMENT Programming Paradigms | GiT | CLI | Ansible | RestAPI | Container
APPLICATIONS Ekahau | ViM | Visual Studio Code
NETWORKING TCP / IP | SDN | WireShark
LANGUAGES ***Native:*** Spanish ***Fluent:*** English ***Beginner:*** Czech

INTERESTS

- Reading Sci-fi books (ex. Tau Zero).
- Raspberry Pi Projects with GPIO options.
- 16-bits retro-games.