

LUIS DIEGO ESPINOZA SANCHEZ

CTO - NIC INTERNET COSTA RICA

NATIONAL ACADEMY OF SCIENCE

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OBJECTIVE

Contribute highly applicable skills in managing Information Technology projects, analyzing needs and translating them into executable strategies for the organization.

PROFILE

IT professional with a set of strategic and technical skills to systems, create information security framework, optimize workflows, modeling information systems process, managing IT projects, hiring of external developments, acquisition of technology, produce customer-oriented services, take advantage of the government relations and of relationships with technology providers.

Problem solver considering business perspective and technical perspective to develop solutions

Motivated to take the organization to achieve goals in time and value manner, adding value through the application of technology.

SKILLS

Project management and strategy:

- ◆ Conceptualization of IT projects
- ◆ Critical cost/benefit analysis for technology solutions.
- ◆ Feasibility studies in useful application of technology.
- ◆ Match strategic goals with IT projects.
- ◆ Systems integrator
- ◆ Define functional and process requirements to systems development.
- ◆ Quality assurance criteria
- ◆ Security application of ISO 17799 and ISO 27000 series.

Systems and networks applications:

- ◆ Advanced IP routing: BGP, MPLS, EIGRP protocols
- ◆ Network security based on Cisco, Fortinet, Linux
- ◆ Switching with Cisco technology
- ◆ Wireless technologies: high scale wireless networks based on WiFi.
- ◆ Voice over IP technologies: Asterisk, SIP protocol, IAX protocol, Skinny protocol, Cisco Call Manager, Precense with Jabber integration, PSTN integration.
- ◆ High experience in operating systems: Linux, OS X, BSD, Solaris, Windows Server.
- ◆ High experience in DNS protocols and tools: DNS, hostperf, dig
- ◆ Geographic Information Systems: ESRI ArcIMS, PostGIS, Maplab.
- ◆ Video streaming over IP: Apple QTSS, Windows Media Services, Flash streaming, HDTV streaming.
- ◆ Database programming: standard SQL, Oracle, MySQL, Sybase, PostgreSQL, MS SQL.
- ◆ Web programming: Perl, PHP
- ◆ Advanced script programming for servers: Perl, AWK, Shell.

EXPERIENCE

CHIEF TECHNOLOGY OFFICER, NATIONAL ACADEMY OF SCIENCE / NIC INTERNET COSTA RICA.

Since June 2011 to date. Full time dedicated in the development of the ccTLD manager for .cr (Costa Rica). In the past support Engineer and IT advisor since 1997 for the domain name management of .cr

IT ENGINEER, UNIVERSITY OF COSTA RICA, MAY 2003 TO DATE

Analyst and IT Strategic Engineer for the Informatic Center, Canal 15 (TV Channel), Internet 2 projects

DIRECTOR OF INFORMATIC OFFICE, MINISTRY OF THE PRESIDENCY SAN JOSE, CR, 2001 - 2003

IT Director for the Presidency of the Republic of Costa Rica, coordinador of the Internet government network.

ADVISOR OF THE MINISTER OF SCIENCE AND TECHNOLOGY, PAVAS, SAN JOSE - CR, 2000- 2002

Implementation of the nation wide Advance Internet Network of Instituto Costarricense de Electricidad, an State monopoly of telecommunications.

NETWORK ENGINEER OF THE UNIVERSITY OF COSTA RICA, SAN PEDRO, SAN JOSE - CR, 1991- 2000

Participating in the Development of the campus wide Internet Network.

ACADEMIC

Systems Engineer of the Universidad Latina de Costa Rica.

2 years of Economics program at Universidad de Costa Rica.

Training:

- Introduction Cisco Router Configuration (ICRC) - 1998 - New Horizons
- Avanced Cisco Router Configuration (ACRC) - 1998 - New Horizons
- Manage Cisco System Security (MSCS) - 1999 - New Horizons (Laboratorio en EUA)
- Microsoft Networking Essentials. Certificado. 1999. New Horizons
- Microsoft NT 4.0 Administration. Certificado 1999. New Horizons
- Microsoft NT 4.0 Core Technologies. Certificado 1999. New Horizons
- Microsoft NT 4.0 Enterprise. 1999. New Horizons
- Exchange Server 5.0. 1999. New Horizons
- MS SQL Server. 1999. New Horizons
- Fast Track Windows 2000 Beta 3 (3 cursos). 2000. New Horizons
- Broadband technologies ADSL. 2000. Korea Information Strategy Development Institute. Seúl, South Korea.
- Marco Teórico de COBIT 4.1. ISACA Costa Rica
- Cobit y el Gobierno de TI. 2008. ISACA Costa Rica
- Project Management. 2003. Asesorias Creativas.
- Public. 2003. Colegio de Abogados.
- Join Techs Workshop, Internet 2- 2002 - Phoenix Arizona EUA.
- Internet 2 Member Meeting, 2001, 2002, 2004, 2006, 2007, 2008, EUA

LANGUAGES

Mother tongue: Spanish

English: speaking, reading, writing