**Carlos Colmenares A.**

**Project Engineer**

Electronic engineer by academic, but software engineer by profession. I have been a consultant for the development of highly technical IT projects in more than forty (40) national and foreign corporations and companies, some as prestigious as Registro Nacional de Costa Rica (San José, Costa Rica), Banco Invercredito (Bogotá, Colombia), PDVSA, CARGILL, as well as thirteen (13) banks in Venezuela. For the past twenty years, I have also developed a successful career as a project engineer, especially in designing and installing electronic systems for public safety and microwave telecommunications

...My other passion has always been software programming, and as a freelancer, I develop websites, smartphones, and server applications. This passion forces me to stay constantly updated on new technologies and trends within the software development ecosystem.

# Contact

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 [www.linkedin.com/cycscarlos](https://www.linkedin.com/in/carlos-colmenares-a-5a717375/)

<https://github.com/cycscarlos>

 Caracas, Estado Miranda, Venezuela

# Skills

HTML CSS

JavaScript

Python NodeJS

mySQL

MongoDB

Figma

APIs

Artificial Intelligence

# Mainframe skills

Assembler

Cobol

VSE, VM & zOS

CICS/ESA

ACF/VTAM & NCP

# Conferences

1986 to 1988

**IDEAS (Intercambio de Ideas Anuales de Software)**

**Hotel Caracas Hilton, Venezuela** Ponente | Temáticas:

"Performance & Tuning Aspects on VSE/ESA"

"Virtual Machine (VM/SP) installation Topics"

"Capacity Planning techniques on MVS/ESA"

1988

**System Software Conference**

# New Jersey, USA

Oyente

1989

**CADRE**

# New Jersey, USA

Oyente

2004

**La Red del Estado**

# UNEFA, Venezuela

Oyente

2006

**Gobierno Electrónico**

# UNEFA, Venezuela

Oyente

2006

**Tecnología y Gerencia**

# IESA, Venezuela

Oyente

2011

**Liderazgo y Transformación**

**IESA, Venezuela**

Oyente

**Education**

1976-1981

# Ingeniero Electrónico

**(Mención Telecomunicaciones)**

Universidad Nacional Experimental Politécnico

**Antonio José de Sucre**

1979-2023

# Licenses & certifications

IBM - VM/370 Conceptos y Facilidades

BND - Organización y Metodos

IBM - OS/VS1 Conceptos y Facilidades

IBM - DOS/VSE Control de Sistema

IBM - DOS/VSE Conceptos y Facilidades

IBM - Codificación VSAM (COBOL)

IBM - Utilización VM/CMS

IBM - VM/SP Instalación

Banco Maracaibo - PERT C.P.M.

IBM - CICS/VS Codificación Nivel Comando

IBM - DL/1 Análisis de Aplicaciones

Abaco - THE LIBRARIAN

Abaco - ADR/DATADICTIONARY Utilización

The technical English Workshop - English

ADR (USA) - SQL for DB2 & ISA for DB2

IBM - SNA Data Flow & Performance

IBM - Capacity Planning

IBM - MVS/JCL Utilities

Computer Associates (USA) - CICS/VSE Internals

Computer Associates (USA) - CA-DISPATCH Internals

Computer Associates (USA) - ACF/VTAM internals

Computer Associates (USA) - ACF/VTAM Performance

IBM - Moving to VSE/ESA Client/Server Solutions

**Work Experience**

1977-1981

**System Programmer Junior**

# Banco Nacional de Descuento

"I was part of the team of specialists in the technical support division of the computing vice-presidency at the Bank. Like my colleagues, we were in charge of keeping the computational infrastructure based on IBM Mainframe technology operational" 1982-1984

**System Programmer Senior**

# Banco Maracaibo

"I was in charge of the team of specialists in the technical support division of the computing vice-presidency at the Bank. Among other functions, I was responsible for maintaining the operational status of the computational infrastructure based on IBM Mainframe technology.

..and finally, coordinate with other IT areas for the implementation of new projects, research, testing, and production installation (DevOps) of new versions of operating systems or software packages for both systems and applications" 1984- 1991

**System Software Director**

# Sistemas de Computación ABACO

"I was in charge of the system software products area at the North American company Computer Associates, Inc., a world leader in software development for IBM MVS, VM, and VSE operating systems. My main objective was to provide consulting and product installation services for clients with IBM Mainframe technology. The quality of the service provided and the projects' success were endorsed by my hiring by foreign entities (such as Banco Invercredito in Bogota, Colombia, and the National Registry of Costa Rica)" 1991- 2011

**Senior Project Engineer**

# CYCS Computing specialist

"My goal was to develop and promote specialized consulting services management in two areas: 1. Capitalize on the highly technical requirements of those clients with IT infrastructure based solely on IBM Mainframe technologies, and 2. Design and installation of Microwave Telecommunications Networks and Industrial-grade Electronic Security Systems.

The success of my management is endorsed by the extensive hiring of clients for the development of high-level technical projects"

2012- 2019

**Senior Project Engineer**

# CYCS Ingeniería e Instalaciones

"My goal was to develop and promote the new consulting area, focused on providing design, installation, and training services for telecommunications systems (specifically Microwave networks), and industrial-grade electronic security systems. The success of my management is endorsed, both by the quantity and the technical complexity of the projects contracted and successfully executed for large-scale and high-level corporate clients.

Below you will find links to two successful projects that were reviewed at the time by the Taiwanese company Airlive, a world leader in network technology and security video cameras"

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**CEGASA 2016**

[**.**](https://airlivela.blogspot.com/2016/04/implementan-un-sistema-de-video.html?utm_source=feedburner&utm_medium=email&utm_campaign=Feed:+blogspot/nkNtE+(Air+Live+Latin+America))

IP Video Surveillance and

Telecommunicatio

[n](https://airlivela.blogspot.com/2016/04/implementan-un-sistema-de-video.html?utm_source=feedburner&utm_medium=email&utm_campaign=Feed:+blogspot/nkNtE+(Air+Live+Latin+America))

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**FITVEN 2013**

[**.**](https://airlivela.blogspot.com/2013/11/fitven-2013-de-venezuela-confio-en-las.html?utm_source=feedburner&utm_medium=email&utm_campaign=Feed:+blogspot/nkNtE+(Air+Live+Latin+America))

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[n](https://airlivela.blogspot.com/2013/11/fitven-2013-de-venezuela-confio-en-las.html?utm_source=feedburner&utm_medium=email&utm_campaign=Feed:+blogspot/nkNtE+(Air+Live+Latin+America))

2019 - present

**Senior Consultant**

# Freelance

"During the pandemic phases (virus outbreak, lockdown, and the difficult post-pandemic era), I had to reinvent myself, and since then I provide services in the software engineering area of design and development of applications for smartphones, PCs, and servers. Likewise, I continue to provide maintenance services for legacy projects and the installation of new projects for clients in the areas of telecommunications and electronic security systems"

# Hobbies

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Music

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Baseball

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Basketball



Beach



Reading