

LETTER OF INTRODUCTION

Carlos E. Colmenares A.

ccolmenaresa@gmail.com

[+58 0414.324.63.96](tel:+5804143246396)



In the following link, you can see the CV (complete) in English version
<https://www.linkedin.com/in/carlos-colmenares-a-5a717375>

Electronics engineer, 1981. More than 25 years as a software engineer in Mainframe technologies at IBM; currently (*and for the last 3 years*), he has been working as a fullstack web developer. In parallel to the functions described above, he has also developed a successful career as a project engineer (*for more than 20 years*), in the implementation of microwave telecommunications networks and electronic security systems. His academic training is complemented with thirteen specialization courses in Venezuela (IBM) and five in the USA (*Applied Data Research (3) and Computer Associates Inc. (2)*). Lecturer in most of the technology congresses "IDEAS", by its acronym: (*Intercambio De Experiencias Anuales de Software*); held at the Caracas Hilton Hotel; listener in two international congresses: *System Software Conference*, New Jersey, USA, 1988 and *CADRE*, New Jersey, USA, 1989; in addition to several in Venezuela: *IESA* (2006, 2011), *UNEFA* (2006), *Electronic Government* (2005), *La Red del Estado* (2004). More than four decades of technical and managerial trajectory, which could be summarized as follows: System Programmer in the banks: B.N.D. (*until 1981*) and Banco Maracaibo (*until 1984*); Director of system software in ABACO, representative for Latin America of Computer Associates Inc. (*until 1991*); **Co-founder** of CYCS Computing Specialists, a consulting company providing specialized services in the area of 'System Programming', for clients with IBM Mainframe technology (*until 2011*); During these last two stages, he led the implementation of complex technical projects in twelve banks in Venezuela and one abroad (*Banco Invercredito, Bogota, Colombia*), as well as in nine industrial companies (*Lagoven, CVG, Alcasa, Interalumina, RCTV, Procter and Gamble, among others*), in six governmental entities, including one abroad (*Registro Nacional del Estado, San José, Costa Rica*), in four police agencies (*PTJ, DISIP, GN of Venezuela and Police of Vargas*), in one military base (*Turiamo Naval Base*), and in three telecommunications companies (*CANTV, Comsat and CCOM*). **Co-founder** of CYCS Ingeniería e Instalaciones "<https://cycs.netlify.app>" (*until 2020*); systems integrator company, in the areas of telecommunications and electronic security systems. During this last stage, he implemented projects of high technical level in companies such as: *CARGILL de Venezuela, Industrias CEGASA, FITVEN 2013, MINCI, business towers such as: Parque Cristal, ABA and La Castellana*. Since early 2020, he has been training in many of the technologies that make up the web development ecosystem, such as: *HTML, CSS, Javascript, React, Node, Express, MySQL, MongoDB, Firebase, PWA, Python, Go, Git, Figma, etc.*, becoming a solid web developer. His progress and portfolio can be seen at: <https://github.com/cycscarlos>.