

## Technical Curriculum Vitae

### **Raul Gomez Escamilla.**

He was born on May 11, 1963 in Mexico City, to professional Mexican parents. With a clear tendency towards physics and mathematics, he studies civil engineering like his father, who was a professor at UNAM.

He is pleased receiving the title of degree in Civil Engineering UNAM, Faculty of Engineering. Also studying the career of Engineer in Computer Science.

He carries out master studies in artificial intelligence in the robotics branch. Computer security master studies. Diploma in administration and technological management at the UNAM Faculty of Chemistry.

It is until 2019 Certified Auditor in Information Systems, CISA ISACA and Certificate in Risk and Information System Control, CRISC ISACA.

Take C, C ++, Fortran, Basic, Cobol, LISP, Perl, PHP, Python, ORACLE databases, Informix, MyDB, Postgresql and Open Source technologies.

Self-taught in UNIX Server Manager, LINUX, System2000. He has experience in integrating systems and administrative platforms.

He has taken courses in information technology in the United States, Mexico, Central America, South America and Spain.

He is a CFE certified instructor in the areas of Information Technology Administration, LINUX server administration, penetration tests to computer systems, computer control administration. Courses that were taught within the CFE CECAP areas over a period of 20 years.

He has developed various technical courses focused on teaching and using Unix, Linux, Apache, Perl, PHP, Database and computer security systems.

He has presented a different paper on information technology management at IT conferences in Mexico, the United States and South America.

In the professional field, he begins as Computer Technical Support for the IPESA Group for 2 years.

He joined the Federal Electricity Commission as Supervisor of Database Development and Corporate Administration Systems of the Informatics Unit for 7 years.

He is required as a specialized Technical Assistant in the Management of Specialized Engineering of the CFE for 10 years.

He obtained the position of Head of the Department of Administrative and IT Services of the Specialized Engineering Management of the CFE for 13 years.

After his retirement after 30 years of service at CFE, he became a Technical Advisor to the Corporate Operation Direction until 2020.

It begins its stage of systems development with the creation of the Gravity Section Dam Slope Calculation System in Grupo IPESA.

During his participation in the Management of Specialized Engineering, he participated in the development of: The System for the Analysis of the National Electric Network, System for short circuit calculation in electrical power systems.

Development and integration of the automated inventory system of the computer equipment of the entire CFE.

During his participation in the technical groups, he led the work for the preparation of: CFE's Manual for the Safe Use of the Internet System and the Information Security Policies for the CFE.

In the scope of the associations he was a Partner of the College of Civil Engineers of Mexico, Founding Partner of the Mexican Association of Technological Management, Founding member of the CFE Group of Computer Security Specialists, Founding member of the CFE Free Software Group, Member and web administrator of CIGRE Mexico, Active member of the free software community in Mexico

Member of the Organizing Committee of the National Congress of Free Software CONSOL for 12 years, Member of the Task Force of the Committee of the Congress Latin America CACS / ISRM 2012 Bogota Colombia, President of the Communications Chapter of the Mexico Section of the IEEE

He is an organizing member of the Summer Meeting of Power and Industrial Applications of the IEEE Mexico Section from 2005 to date and an organizing member of the Autumn Meeting of Communications and Computing of the IEEE Mexico Section from 2010 to date.

During his tenure at the Federal Electricity Commission, he was awarded the "Adolfo López Mateos" Medal for his contributions to the CFE

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