Pedro Guilherme da Silva Chicherchio

Historic	**1996-2019** **Castro Chicherchio Ltda** Campinas-SP **Technical Director – System Eng.** (Company created in principle to provide services to IIISIS – Campinas). Ex-clients: ITI (DF), BNB, BRASIL TELECOM (through CONTRASTE - RJ), UNISYS, IISIS, CYBERPLANT, Number 1 (Academia). Validation of proposed SW / HW acquisition; FS management, with the development of its own control tools; making management plans for real estate credit projects; making proprietary database systems for IIISIS and CYBERPLANT; planning and support of control systems, and teams involved, for ICSI 94 (Latin American Parliament, SP); development of a case tool to support inexperienced analysts; currently developing online business management software, freeware utilities for radio and virtual DJs (Delphi 10.3). Environments: LINUX, WINDOWS, MVS, CICS, SUNOS, SOLARIS, etc. INPI Software Registration 04385-3 Pegasus WPEN, of 04/15/2002
	2005–2018 **IBM** Brasília – DF **System Analyst (IT Specialist IBM – HO)** Level 3 support to RETAIN (IBM), with development and application of fixes and new SDI / CICS transactions; PSPP / PEP / PSP support, with development and application of new fixes and routines and SDI / PLI / ASM / CICS / DB2 transactions; CCWIN support (ANSI C); WEBRETAIN and SDITOOLKIT support (WEB, WEBSPHERE 6..1 / 7.x / 8.x, JAVA 6/7/8, SERVLET, JSP). Formation of new resources, giving courses and training of ASSEMBLER, JCL, CICS, JAVA, RAD, etc. Tools support (OMEGAMON, RMF, SMP / E) and zVM; Installation of PTFs and UPGs.

	VM / CMS, zVM and MVS, Z / OS, DB2, CICS environments; RETAIN, TSO; WINDOWS; WEBSPHERE, WEB; RAD, ECLIPSE; MS VISUAL STUDIO. Languages PL / X, HLASM, C ++, ANSI C, JCL, PL / 1, JAVA, HTML, REXX, JSP
	2004-2004 **BNB** Fortaleza - CE **Systems Auditor (IBM Specialist)** Validation of IBM hardware and software acquisition proposal. Environments: MVS, OS390, CICS, WINDOWS
	2003–2003 **Brasil TELECOM** Brasília - DF **Sofware Factory Manager CONTRAST** FS JAVA management Windows / JAVA / Delphi environment (for making control tools) Development of own tools / UML, to control demand and resources. Resource management and production quality control.
	2002–2002 **UNISYS** Brasília - DF **Systems / Business Analyst** Procurement, Human Resources and quality management plan, using PMBOOK. Software Plant selection for the project RUP Course
	2000–2001 **POLITEC** Brasília - DF **Systems / Business Analyst** Development of testing interface for MVS applications under Windows. Interface development for using MVS as a data source. Development of the EVT interface system between CRM (Material

| | and Equity) and Accounting.

Development of WEB pages to monitor the evolution of the group's work and share solutions;

Development of a system to aid programming (COBOL / ASM / PL1 / NATURAL) aiming to implement standardized routines in systems and programs under development.

Development of the CDC system

Windows system support

MVS, OS390, ROSCOE, TSO, CICS, DB2, Windows environments;

Languages COBOL, PL / 1, NATURAL, C ++, Assembler, JCL, VB, JSCRIPT, HTML

UML / System Architect / Visual Analyst / BPWIN / ERWIN (MER / DER) |

	1996–1998 **CYBERPLANT** Campinas - SP **System engineer** Development of TELESP's software factory, C / C ++, SOLARIS / SUN-OS environment. Development and implementation of the Paulista software cluster, C / C ++, SOLARIS / SUN-OS / HP-UX. Development of JAVA DBMS for software factory (generic application, STANDALONE and APPLET versions). Support for Windows, Solaris and Linux systems Consulting on MVS environment Unix environments / Linux / SUNOS / SOLARIS / Windows Languages JAVA / C ++ / Assembler, cshell / bshell / tcshel Visual Age Tools, JWS, JDK, Visual Studio, Borland C ++, Proto, Pro-Builder, Pro-Simulator Software quality award by POLO DE SOFTWARE PAULISTA SDPS recognition for pioneering the use of process analysis in Brazil. Work done with mixed Brazilian / American team, support to Americans when in Brazil.

	1994–1996 **IIISIS.** Campinas – SP **System engineer** Development of Mac3Sis DBMS (formal approach using binary trees, inverted lists, bit matrix, hashing algorithms); Planning and support for hardware (NOVEL / PC network) and software (Direct mail, room control, speakers, chairs and listeners, accommodation control, flights, etc.) of ICSI 94 (Latin American Parliament). Support for Solaris, Linux, Windows operating systems; MVS Unix and Windows environments, NOVEL; Work done with American-Brazilian team Languages JAVA / C ++ / C Ansi / Assembler, cshell / tcshel, CLIPPER
	1991–1994 **CNPTIA / EMBRAPA**. Campinas - SP **System engineer** Development of RIT32P DBMS (complete formal approach _ all possible Database + SQL operations _ using binary trees, inverted lists, bit matrix, hashing algorithms); Remodeling and reconfection of the RECINFO system, a database developed by the center, providing it with SQL language, relationships and reindexing, alteration and exclusion routines; Integration of the above system with the FORM (forms processor, providing visual data presentation) and CALC (spreadsheet) systems, integrating them into an Office package. Development of an interface for using memory above 1M in MSDOS (CNPQ) Support for AIX, IRIX and Windows operating systems. Unix / MS / PC-DOS environments Languages C ++ / C Ansi / Assembler, cshell

	1991–1991 **AMAGO / URBANSOFT**. Palmas- TO **Support analyst** Support for the DOS / VSE operating system and CICS Development of supervision, control and accounting routines for these systems (Fitoteca, SMF, etc.). VSE, CICS, MSDOS environments Assembler Languages, JCL
	1986–1989 **NOVADATA**. Brasília- DF **Operating systems and support analyst** Complete development of the operating systems NDOS / AT and ND86, with the creation of memory managers, loader, multitask, terminal managers, printers, disk, relational database manager and their respective programming language; Tests with Windows 286; Support for the above operating systems, including with customers like MESBLA and partners like RACIMEC; Development of synchronous and asynchronous communication protocols (BSC1 and BSC3, POLL SELECT); MS-DOS, NDOS, ND-AT environments Languages ANSI / Assembler INTEL, PL / M (INTEL)
	1985–1986 **ECO** Consultoria Brasília- DF **Systems / Business Analyst and Support** Development of commercial systems and integrated billing, accounting, accounts payable / receivable, customers / suppliers, payroll, cash register, pharmacies, inventory control; MSDOS courses; Languages C ANSI / ASM, CLIPPER.

	1983–1985 **CFP**.(today CONAB) Brasília - DF **Systems / Business Analyst and Support** Support for MVS, OS / VS 1/2, VM370, SOM and SPM (COBRA) operating systems Re-planning, re-structuring, standardization, organization and creation of standards and norms for all sectors of the Company's IT, with training and application of courses, preparation of norms and standards of procedures; making organization charts, developing and implementing methodologies, negotiating with service providers and equipment suppliers (including large ones); Application of courses and motivation techniques with an increase of 300% in the efficiency and productivity of each sector of the IT area (Production, Development, Support and Typing). Development of systems for Accounting, Equity, Payroll and Human Resources, Budget, Material, budget control, cost accounting via SMF, control of tape libraries, control of physical resources of the installation through its own utilities. Participation in the preparation and planning of the defense of the IT master plan that generated the acquisition of the company's IBM hardware and software fleet; OS / VS1, VM / CMS, MS-DOS, CP / M, MVS, DB2, ADABAS environments Languages ASSEMBLER, PL / I, EASYTREV, VSAM, SAS, JCL, COBOL, VSBASIC, MBASIC, LPS, LTD, FORTRAN.
	1982–1983 **ELETRONORTE** Brasília - DF **Systems and Support Analyst** Support for operating systems RTES / D and BOS / D, for THOMSON SOLAR 16/65 machines (TUCURUI and OEOC / Brasília plant) Development of supervision routines, initialization of the Tucurui plant (real time) Routine graphic simulation of the plant and its transmission lines. BOS / D and RTES / D systems; MVS (point support) ASM 86 and PL 86 languages Work carried out in a mixed Brazilian-Canadian teamTrabalho realizado em equipe mista brasileiro-canadense
	1975–1982 **EMBRAPA**. Brasília- DF **Systems Analyst and Support** Support for OS / VS 1 and VM / 370 operating systems Support for the MTS system (University of Michigan) Development of routines and systems to control installation resources (tape library, available disk space, unnecessary files, file allocation, SMF, etc.). Development of resource sharing routines and systems under VM / 370 (later

	replaced by IBM's VMCF). Development of routines for Payroll, Equity, Human Resources and Accounting. Support to SAS / SPSS, and to the statistics and research staff; OS / VS1, VM / CMS, CP / M, MTS environments Languages ASSEMBLER, PL / I, EASYTREV, VSAM, SAS, JCL, COBOL, VSBASIC, MBASIC, FORTRAN IMS DC Support for NAL / USA's CAIN and SDI systems, in direct contact with its American developer.
	1974–1975 **MINTER** Brasília- DF Systems Analyst and Support OS / VS operating system support 1 Development of work routines and procedures JCL control of CPD services (tape library, unnecessary files, file allocation, creation and maintenance of libraries, etc.). Maintenance of Equity, Accounting and Payroll systems (Assembler). Development of routines for the systems above and for frequency control, service control, productivity. Support for SAS and SPSS, based on EMBRAPA; OS / VS1 environments Languages ASSEMBLER, PL / I, VSAM, SAS, JCL, COBOL, FORTRAN
Titles and Education	1973–1975 CEUB Brasília, DF Matematics BsC (inconcluded, at 5⁰ period) 2020- UNINTER Brasília,DF System Analysys and Development (atually studing)
Certifications	ITIL Foundation.
Patents	Software Intellectual Property Registry 04385-3 Pegasus WPEN, designed to provide an IT project management approach, through processes, with code generation in 12 languages and mainframe environments and low platform, from 04/15/2002.
Technical	MVS, CICS, Assembler, PL / 1, VM / CMS, MVS Utilities, MVS Access Methods and Processing Macros, Informatics (Católica de Brasília), VSAM, PL / X, COBOL, Systems Analysis, Accounting, Electronics, Networks, Administration data, MEG, Business Administration, Entrepreneurship, Financial and Accounting Administration, Project Management, Digital Electronics, Grounding and PDA, Civil Defense, and others.
Tools	RUP, Rose, Visual Analyst, Argo UML, System Architect, EA, VA, ROSCOE, CICS, MVS, OS / VS1 / 2, VM / 37 (9) 0, CMS, MTS, Solaris, IRIX, AIX, Linux, Windows , WebSphere, Visual Age, JAVA Workshop, Borland IDE,

	Visual Studio, Tomcat, Project, Vision, Sather, FSP, Proto (ISSI / USA), ProBuilder (ISSI / USA), Simply Object Modeler, BPWIN / ERWIN, ProSimulator (Telesp , IIISIS, CyberPlant), Power Builder., Visual Café, Homesite, DreamWeaver, SAS, OMEGAMON, RMF, SMP / E.
Languages	COBOL, REXX, FORTRAN, PL / 1, Pascal, LISP, CLIPPER, Perl, Python, JAVA. (J2EE / EJB / JSP / JavaMail / JavaWebServer, Swing, JDBC, JDK 1.4), VB, SQL, HTML / DHTML, XML, VSBASIC, ADA, C / C ++ (Microsoft, Borland, IBM, GNU), Delphi, Visual Basic , VSBasic (IBM), Assembler (370, 390, Intel), Csh, Tcsh, Bsh, PL /, HLASM, PHP, ASP.
Website	http://pedrochicherchio.sigghil.com
Professional Qualifications	- Ability to deal with people. - Commitment and dynamism. - Teamwork and focused on goals. - Ease in planning, organizing and executing tasks. - Motivation for new challenges. - Proactivity, critical analysis and common sense. - Creativity in solving problems. - Leadership and ease of communication at all levels. - Licensed amateur radio; - Licensed citizen track radio operator; - Participant in the National Amateur Radio Emergency Network; - Manufacture of transceivers and equipment related to radio amateur activity.