

JOSE CARMEN AGUILAR ZETINA
IT Consultant

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Summary of Qualifications

José has over 18 years of IT experience, along them has developed programs for industries such as: multimedia, social security, banking and consulting. He have developed control systems for car maintenance, cross-reference sales at department stores, programs to measure food supply needs of hospitals and children care departments using nutritional factors, Credit, Accounting, Payroll and Invoice systems. He has trained staff and given them technical advice for choosing and buying the best new information technologies during the last 10 years. He has written COBOL programs for personal computers, mini-computers and mainframes, also he has experience in analysis, development and deployment of Client Server Solutions using Microsoft SQL Server, Oracle, Informix, Access and Microsoft Visual Basic. He has Written Microsoft Visual Basic programs using Crystal Reports and Sheridan Data Widget controls. While he was working for all of these companies, he was able to find the most suitable solution for technical problems they had showed to him. Currently he is working for Finanzas y Soluciones, S.C.; which is a Consultant Company and he had published his own homepage: <http://www.cienciaybelleza.com>, which you are invited to visist.

General Skills

Hardware:	Intel platform (IBM, DELL, Compaq, Black Box, etc) Servers and workstations, IBM 3033, HP9000.
Operating Systems:	Microsoft Windows 98, NT, 2000, XP and 2003 Server, Microsoft Windows 2003 Small Business Server Premium Edition, IBM DOS JCL, UNIX.
Data Communications:	Manage and deploy LAN, WAN Frame Relay, VPN, PC Anywhere, Messenger, Email tools, Web tools
Languages:	Xbase, COBOL, C, Strong VISUAL BASIC 5-6, Transact SQL Server 7, DTS, HTML, ADO, VisualAge-SmallTalk.
Databases:	RDMS, Microsoft Access 95-2003, Microsoft SQL Server 6.5-2000, Oracle, Informix, ADABAS Training, HP PowerHouse, TurboImage.
Software/Tools/Utilities:	Crystal Reports, Sheridan Datawidgets, Oracle SQL Plus, Power-Designer, Erwin, Component-ONE: DOCTOHELP for Writing Help Documentation. Microsoft Developers Network Subscriber from 1999 to 2000, User of MSDN and TECHNET Libraries. Any other kind, Symantec Client Security AV, McAfee AV, Norton Internet Security, Microsoft Office, Communications, Image Processing and Graphical Design. Lavasoft-adware, Hijack, Photoshop

Technical Expertise

(Proficiency Levels: 1. In depth; 2. Good Knowledge; 3. Familiar)

Technology	Proficient (1-3)	Years of Experience	Last Used
Microsoft Windows 98 2000 XP	1	8	2005
Microsoft Windows NT 4, 2000, 2003	1	8	2005
Network Configuration & Wiring	1	9	2005
Troubleshoot, repair and upgrade PC	1	10	2005
Microsoft Visual Basic V.5, V.6	1	9	2004
Visual Basic Development tools for VB4, PDS	1	6	2000
Seagate Crystal Reports V.8	2	7	2004
Infragistics (Sheridan) Data Widgets 3.2	2	7	2004
Microsoft C and Visual C	3	1	1997
Microsoft SQL 6.5, 7.0 Server & Enterp Ed.	1	8	2005
Microsoft SQL 2000 Server	1	3	2005
Microsoft Acces 97, 2000	2	7	2005
Microsoft Source Safe	3	1	1997
TECHNET and MSDN Subscriber and user.	1	6	2005
Oracle 8 PL SQL	2	2	1999
Oracle 8 SQL Plus	2	2	1999
PowerSoft PowerDesigner 6.5	2	5	2004
Erwin 4	3	1	2005
ComponentOne DocToHelp 6	2	2	2005
Symantec Client Security	2	3	2005
MVS COBOL, DPS COBOL, RM COBOL Mainframe, Mini and PC COBOL	1	4	1989
Css	2	1	2005
HTML	2	3	2005
ASP	2	1	2005

Education

Electronic Engineering and Telecommunications

Instituto Politécnico Nacional

México D.F.

Master Studies in Computer Science

Fundación Arturo Rosenblueth

México, D.F.

Training

Natural and Adabas training at Software AG
PowerHouse at GECOS

Professional Experience

FINANZAS Y SOLUCIONES, S.C., Mexico, D.F.

Jul 03 – To Date

Position **Systems Engineer**

Project Name: **Sistema de Emisiones, Sistema de Siefores, Technical Support**

Environment: **Microsoft Visual Basic, Access, SQL Server v.7 and v.2000**

Description: The Sistema de Emisiones was intended to provide customer support by giving them the ability to download financial instruments information. Core Database is shared with other company products to give full financial instruments control to customers.

The Sistema de Siefores is an accountability system that manage financial founds and is being designed to migrate legacy systems that still are working on clipper; for instance one of them manages financial retirement founds and the other is to manage any kind of financial founds, so, the new system will work on Microsoft SQL Server and Ms Access 2000, beside all of them will be part of the new core technology for managing financial founds.

Technical advice is given to choose new technology either on software or hardware buyings; for instance, after evaluation, we choose Component One: “Doc to Help” as the program we use to write user documentation and help files.

- Responsibilities:**
- Microsoft Visual Basic and Access Programming as Front-End against SQL Server 7, 2000 as Back-End.
 - Gave Staff’s technical support
 - Troubleshooting personal computers and network support malfunctions.
 - Wrote Windows help files for the 3 Portafolios Program Versions.
 - Test and fix uploading programs for the Call Money System moving data from MSSQL 7 to MSSQL2000 and from Clipper to MSSQLServer 2000
 - Quallity assurance and review of the programs for uploading legacy systems to new technologies
 - Backup and restore any SQLServer Databases in order to test the new accountability system
 - Setup Windows 2003 Server and Ms SQL Sever 2000 and manage users
 - Design new programs for fast information transfer using SQL-DMO, BCP, DTS
 - Setup and support Symantec Internet Client Security for each workstation as well as Lavasfot-SE from Ad-Aware in order to prevent virus attacks
 - Setup PCAnywhere on the LAN Server

FREELANCE, Mexico, D.F.

Jul 02 – Jul 03

Position Technical Support

Environment **Visual Basic, Access, SQL Server 7, 2000**

Description Technical advice on computers usage
Link Computers on a Workgroup LANs and on Domain LANs
Configure internet access on each client computer
Technical support for accountability systems like COI or NOI
Invoice Programming Maintenance.

Responsibilities

- Train staff to make them proficient on computer usage
- Install, update and run antivirus software on staff's computers
- Setup the LAN and firewall on each computer
- Clean up temporary internet files and fix adware programs
- Download and setup internet fiscal program updates
- Support for closing years on accountability systems
- Write programs for an invoice system
- SQL Server support

Corporativo MEZGO, S.R.L. de C.V., Mexico, D.F.

Jan 00 – Jan 02

Position MIS Department Manager

Project Name: **Support on Payments, Commissions and Warehouse Systems; IT Management for a Manufacturing Company.**

Environment: **Windows NT 4, MS SQL Server V.7, ASPEL (SAE, COI, NOI), VisualFox.**

Description: Payments System: Receives payment from every transportation unit coming back from different routes after selling drinks.
Warehouse System: Provides products from inventory to every transportation unit before end of day.
Commissions System: Download to Payroll System every unit that an employee had sold. Review and advise for choosing the best option among 6 ERP Systems.
LAN-WAN Management
Staff Management
Telecommunications Management
Site Management
Microsoft SQL Server 7 Management

- Responsibilities:**
- Managed technical support team (2 persons) and system development team (4 persons)
 - Supported available programs and systems at the company.
 - Performed database design, planning and development of new requirements
 - Managed 60 workstations on one LAN, 12 on another remote linked by Frame Relay and 25 on another remote one on the same Frame Relay loop of the WAN
 - Managed the Private Authomatic Branch Exchange PBX services
 - Managed phone usage time on outgoing calls for each extension
 - Managed information flow between 3 Distribution Centers (Tlalpan, Vallejo, Guadalajara) over a Wide Area Network. (FRAME RELAY)

- Created and posted the web page (www.mezgo.com.mx); today it has changed again
- Managed seven Win NT4 Servers and three MsSQLServer linked Servers and one Windows 2000 Server
- Took and edited photographs for new product presentations and for the internet web site (using photoshop le)
- Gave answers to external auditing companies
- Wrote any kind of documents for inside or outside communications
- Defined and deployed computer standards to take efect at the whole company
- Managed and supported program maintenance for thirnd parity programs
- Support for IRS annual reports
- Led the MIS organization functions writing

Freelance, Mexico, D.F.

Apr 94 – Dec 99

Position Software development consultant and Technical Advisor.

Project Name: Many kind of projects

Description: Built desktop and Client Server Solutions using Visual Basic, SQL Server and Oracle. Gave technical support for better computer usage. Worked on a fully functional Desktop Application, made the setup and help files, designed for working on 6 Languages with automatic language setting according with Windows language setting. Trained staff to take advantage of personal computers.

Environment:

Microsoft Visual Basic, Microsoft C, Microsoft Access, Oracle 8, As400, Ms SQL Server 6.5, 7, 2000

Responsibilities:

- Designed, deployed and tunned Databases.
- Used application development standards when writing Microsoft Visual Basic programs like: Naming Conventions, Data Modeling, GUI Design Guides, among others.
- Created programs to manage film storage at an important TV Company using Visual Basic and Oracle 8.
- Created the store procedures to estimate sales rates at that Company.
- Created a desktop application to keep track of employee and product sales at a Beauty Make Up Company.
- Application deployment, maintenance and fine tuning.
- Worked on a Smart-Card solution using C Language.
- Wrote visual basic programs to manage financial portfolio investments
- Trained staff on MsDos, Windows 98, Microsoft Word, Microsoft Excel
- Gave advice for buying personal computers and software
- LAN design and deployment of servers
- Wrote visual basic programs to manage information on an Informix database

AURITEC, México, D.F.

Feb 93 – Mar 94

Position Asesor

Project Name: **Technical support**

Environment: **Personal computers, COI/NOI desktop accountability Systems, MS Office**

Description: Gave advice for better usage of Lotus 123 and Excel 4.
Kept working accountability programs.
Trained Staff on new technologies
Helped making and printing business presentations.
Business process analysis, LAN analysis.
Gave advice for choosing best technologies

- Responsibilities:**
- Made a propousal for a LAN.
 - Gave technical support for better use of any kind of computer programs; mostly Lotus AMI PRO, 123, FreeLance, etc.
 - Gave support for better use of General Ledger Accounting program.
 - Tumbstone graphic design.
 - Business presentations design on FreeLance program.
 - Printed presentations on a high quality color printer (QMS).
 - Review on a day by day basis economic media
 - Troubleshooted and fixed any computer problem

Fonlyser a Serfin's Business Partner, Mexico, D.F.

Jul 89 – Dec 92

Position Sub Manager

Project Name: **International Credit Line System**

Environment: **PowerHouse 4, COGNOS, HP 3000 Unix, MBA Account System, Clipper**

Description: Created programs to manage international credit lines
Wrote programs to control company assets
Gave technical support for any kind of personal computer programs
Helped and made business presentations graphic design
Gave advice for choosing computer equipment.

- Responsibilities:**
- Designed and created programs to control employee assets on PowerHouse environment runing on HP3000.
 - Designed and created programs to compute final payments of fired employees on PowerHouse.
 - Created programs to keep track of main financial credit lines (BackOffice)
 - Give advice to staff on making their business presentations.
 - Support FEO on making presentations for quarterly company figures.
 - Wrote and designed business process document on Ventura Publisher.

Position Systems analyst

Project Name: **Sistema de Planeación y Control de Alimentos for Personal Computers**

Environment: **Clipper Somer 87. Dbase III**

Description: Created programs to manage food inventory; nutritional factors, Entered 28 day based diets for 480 Hospitals and 250 Day Care Centers. It was developed with Clipper Summer 87 at first; then production was upsized to COBOL/Honeywell DPS 696.

Responsabilities

- Designed programs and screen layouts
- Wrote program specifications
- Assigned program development to Clipper programers
- Wrote programs on Clipper Summer87
- Designed report layouts and developed them
- Built and deploy setup files
- Folow up system production and gave technical support

Project Name: **Sistema de Control de Vehículos**

Environment: **Microsoft COBOL for PC**

Description: Developed programs on Microsoft Cobol for PC to entry and query car assets and their maintenance.

Responsabilities

- Designed programs and screen layouts
- Wrote program specifications
- Assigned program development to COBOL programers
- Compile and rebuild executables.
- Tested and documented the complete system.

Project Name: **Sistema de Control de Tiendas Departamentales**

Environment **IBM 3033, ISPF, TSO, COBOL ANSI 74**

Description: Program Maintenance

Responsabilities

- Made some programms to query mall sales statistics
- Developed on Mainframe IBM 3033 with COBOL
- Modified and fix some COBOL developed programs
- Released program objects and sent them to production area
- Created or modified the jcl scripts for new requirements

Project Name: **Upsized the Sistema de Planeación y Control de Alimentos to**

Environment **HONEYWELL DPS 695 and COBOL ANSI 74**

Description: Upsize Clipper Summer 87 Reports to to COBOL ANSI 74

Responsabilities

- Wrote program specifications to be written in COBOL and assigned them
- Developed the programs to know how much ingredients were needed for menu preparation
- Designed and wrote programs to upload information to the minicomputer, file layouts, etc

