

# Rafael G. Pulgar

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<b>EDUCATION</b>	Universidad Rafael Urdaneta. Bachelor of Science in Computer Engineer, May 1995	<b>Maracaibo, Venezuela</b>
<b>WORK EXPERIENCE</b> 01/02/1996 – Present	<b>Sam Houston State University</b> <b>POLICE RESEARCH CENTER</b> Project Technical Director. Responsible for software design and development of Records Management System for Police and Sheriff's Departments; using Delphi and MS SQL 7.0 on Windows NT platform. Responsible for design and development of mission critical applications such as Computer Aided Dispatch (CAD) for police Dispatch Centers, including handshake between E-911 (Enhanced 911) and Mobile Interface Data Terminal (MDT) between PD and patrol units. . Provide solution and integration between MS Back Office and MS Office to deliver a robust, reliable, and interactive User interface to improve analysis and decision making for CRIMES analysis process. Responsibilities include designed and developed a high-performance relational database. Setting up, tuning and administration of Windows NT servers (PDC, BDC, MS SQL, SNA) and workstation.	<b>Huntsville, TX</b>
06/10/1994 – 05/19/1995	<b>VG SISTEMAS</b> System Analyst. System Maintenance for Maracaibo City transportation. Maintenance and update of City Hall Payroll system. Maintenance and repair of desktop computers at City Hall. Design and develop of Training System (ABC system) for the transportation system, using visual FoxPro and Microsoft Office (Word and Excel).	<b>Maracaibo, Venezuela</b>
11/11/1993 – 05/01/1995	<b>PROYECSA, SA, Architecture Firm.</b> MIS Manager. Management of MIS department. Troubleshooting and maintenance of software and desktop computers.	<b>Maracaibo, Venezuela</b>
<b>LANGUAGES</b>	DELPHI 3...5, SQL, Java, HTML, C, C++, COM, OLE, Turbo Pascal, Visual Basic 6.0, Visual FoxPro, PROLOG, PGS, Assembler.	
<b>OPERATING SYSTEMS</b>	Windows NT 4.0, Microsoft Windows (9.X), DOS.	
<b>PACKAGES</b>	MS SQL 6.X and 7.0, Microsoft Office 9.X, Crystal Report 6.0, Async 2.5, Quick Report, Report Smith, Install Shield, Info Power, BDE.	
<b>HARDWARE</b>	IBM-PC compatibles. Dell: Desktop (Dimension DPS, XPS). Servers PowerEdge 2200 and 4200; Digital: Alpha Servers, 3COM Hubs: 3C16701; Cisco: Catalyst 1900 Series	
<b>COURSES</b>	Implementing a Database Design w/ SQL 6.0. and SQL 7.0 overview. Packet Cluster API. Data Communication Protocols. Design and implementation of Neural Network and System Expert (artificial intelligence).	
<b>REFERENCES</b>	Available upon request.	