



# Carlos Andres Cardona Cardenas

<b>Personal Information</b>	<p>Date of Birth: October 31 of 1977. Place of Birth: Medellin, Antioquia. Country of Citizenship: Colombia, South America Home Address: Cra. 13a # 31-71 Torre A, Apto. 1003. Bogotá, Colombia. Home Telephone Number: (57) – 1 - 3 20 34 34 Cellular Phone Number: (57) 310 873 55 97 E-mail Address: <a href="mailto:carloscardonac@gmail.com">carloscardonac@gmail.com</a> Marital Status: Single.</p>
<b>Skills</b>	<p>Strong understanding of geospatial technology; in-depth functional experience with GIS software, specifically with ESRI; knowledge of the utilities industry; knowledge of database design and technologies, networking, and application development environments, and an impeccable handling of the interpersonal relations, are some of the main values that I have to offer to the companies.</p> <p>Extensive working experience in Planning, Designing, Developing and Implementing GIS systems in a Desktop and a Web Environment, applied in different areas of businesses (defense, government, public services, survey, mining, etc.) of public and private companies all over Colombia.</p>
<b>Professional Experience</b>	<p><b>PROCALCULO PROSIS LTDA. (February 2004 – Present)</b> Exclusive ESRI Distributor in Colombia. Cra. 12 # 90-20 Piso 6 Telephone Numbers: (57) - 1 – 636 72 72 Ext. 2308 Bogotá, Colombia</p> <p> <b>Utilities Industry Manager</b> (July 2007 to present) Create the business plan for the Utilities Industry (Telco, Gas and Energy, Water and Wastewater); generate documentation for the industry in order to promote the ESRI solutions; Lead the sales process working a very closely with the Technical Marketing area; design and create the official presentation and demos of the industry with the Technical Marketing area.</p> <p> <b>Technical Marketing</b> (June 2006 to June 2007) The profile of the position required a person with an ample experience in the development of projects of GIS, applied in different areas of businesses of public and private companies all over the country.</p> <p>The experience must be in the programming (Analyst and Developer Senior Engineer) as well as in the handling of the projects at the management level (Project Leader). It is necessary to have a high knowledge of the different existing geographic software tools in the market.</p> <p>In addition to the knowledge and the experience in the Technical part, also it must be a person with an impeccable handling of the interpersonal relations, since the workings of the position are to support the processes of presales and commercialization of products and projects.</p>

## Professional Experience

The main functions of my job is to be an active participant in the software sales cycle, and work with customers to design the perfect solution architecture to help them reap the benefits of GIS.

One of the greatest challenges is to obtain the best positioning of the ArcGIS 9.2 platform, in special of the ArcGIS Server product as the best GIS software product of the market, and luckily the results have been excellent.

### ✚ Analyst and Developer Senior Engineer (February 2004 - May 2006)

- Planning, Design, Development and Implementation of a Web Application “SIGEP WEB (Sistema de Informacion Geografico y Estrategico Policial –GIS and Strategic Police officer Software)” for the National Police of Colombia, **POLICIA NACIONAL**. Developed with Java, ArcIMS 4.0.1, ArcSDE 8.2, Tomcat 4.1.12, IIS 5.1 and Oracle 9.1.
- Planning, Design, Development and Implementation of a Web Application “GIS IDRD (GIS of the Distrital institute for the Recreation and Sports)”. Developed with Java, ArcIMS 4.0.1, ArcSDE 8.2, Tomcat 4.1.12, IIS 5.0 and Oracle 9i. <http://www.mapas.com.co/IDRD> .
- Planning, Design, Development and Implementation of a Web Application “**Web GIS Module of GEORED System (GIS developed to handle the Basic Network of Exchanged Telephony)**” for **EDATEL** in Medellin, Colombia. Developer with Java, ArcIMS 4.0.1, ArcSDE 8.3, Oracle IAS 9.0.2 and Oracle 9i.
- Planning, Design, Development and Implementation of a Desktop Application “**Plotting Module of GEORED System (GIS developed to handle the Basic Network of Exchanged Telephony)**” for EDATEL in Medellin, Colombia. Developed with ArcObjects 8.3, ArcSDE 8.3 and Oracle 9i with an Enterprise GeoDataBase. The whole application was built over the Microsoft platform of Visual Basic .NET 2003.
- Planning, Design, Development and Implementation of a Desktop Application “**Commercial Module of GEORED System (GIS developed to handle the Basic Network of Exchanged Telephony)**” for EDATEL in Medellin, Colombia. Developed with ArcObjects 8.3, ArcSDE 8.3 and Oracle 9i with an Enterprise GeoDataBase. The whole application was built over the Microsoft platform of Visual Basic .NET 2003.
- Planning, Design, Development and Implementation of a Web Application “**National system of Geographic Information for the Ministry of Nacional Education**”. Developed with ArcIMS 9.1, ArcSDE 9.1, ArcGIS 9.1 y and Oracle 10g.
- Planning, Design, Development and Implementation of a Desktop Application “**Geographic Information System for the National Army of Colombia – Ejercito Nacional de Colombia**”. Developed with ArcSDE 9.1, ArcGIS 9.1 and Oracle 10g. Microsoft Visual Basic .NET 2003 and the using of ArcObjects 9.1 and many ESRI extensions as 3D Analyst, Spatial Analyst, Military Analyst and MOLE.
- Planning, Design, Development and Implementation of a Desktop Application “Analysis, Design and Implementation of Methodology for the Production in line of Cartography to the IGAC (Instituto Geografico

**Professional  
Experience**

Agustin Codazzi) in Colombia". Developed with ArcSDE 9.1, ArcGIS 9.1 and Oracle 10g. Microsoft Visual Basic .NET 2003 and the using of ArcObjects 9.1 and many ESRI extensions as PLTS Foundation (Production Line Tool Set), GIS Data Reviewer, MPS, ArcScan, 3D Analyst and Spatial Analyst.

- Planning, Design, Development and Implementation of a Desktop Application "**GIS for Distrital Planning of Bogota**", developed with ArcSDE 9.1, ArcGIS 9.1 and Oracle 10g over the Microsoft Platform of Visual Basic .Net 2003.

**DERSIS LTDA. (February 2005 - February 2006)**

13 Avenue # 118-30 Of. 703

Telephone Numbers: (57) - 1 – 629 43 03

Bogotá, Colombia

 **Analyst and Senior Developer**

- Participation in the Planning, Design, Development, Production and Beginning of the "**System of National Mining Cadastre for IngeoMinas**", developed with J2EE Architecture, Oracle 10g, ArcGIS 9.0, ArcSDE 9.0, ArcGIS Server 9.0 with the Java Framework.

**ASESORES INTEGRALES LTDA (March 2003 – February 2005)**

102 Street # 15-40 Of. 402

Telephone Numbers: (57) - 1 - 616 08 56

Bogotá, Colombia

 **Analyst and Senior Developer**

- Active Participation in the Planning, Design, Development, Production and Beginning of the "**SIGI System (Sistema Integrado para la Gestión Inmobiliaria - System Integrated for the Real estate Management)**", developed with J2EE Architecture, Microsoft SQLServer.
- Active Participation in the Planning, Design, Development, Production and Beginning of the "**2<sup>nd</sup> Phase of the SIGI System (Sistema Integrado para la Gestión Inmobiliaria - System Integrated for the Real estate Management)**", developed with J2EE Architecture, Microsoft SQLServer.

**SIGTECH LTDA (December 2003 – March 2004)**

8 Avenue # 97-62



Telephone Numbers: (57) - 1 – 617 13 93

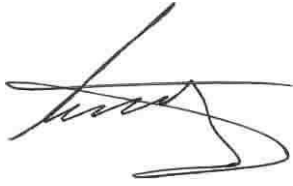
Bogotá, Colombia

 **Analyst and Senior Developer**

- Planning, Design, Development and Implementation of the Application "**Edition of Natural Gas Networks**" for Gas Natural S.A, developed with Microsoft Visual Basic 6.0, MapObjects 2.1, ArcSDE 8.2 and Oracle 9i with a GeoDataBase.

**DATUM LTDA (January 2003 – February 2004)**

<p><b>Professional Experience</b></p>	<p>77 Street # 11-19 Of. 601  Telephone Numbers: (57) - 1 - 313 36 61  Bogotá, Colombia</p> <p> <b>Analyst and Developer Engineer</b></p> <ul style="list-style-type: none"> <li>▪ Web Application of Physical Resources Administration for the Banking Supervision of Colombia and the Supervision of Public Services of Colombia, developed with Oracle 9i, JDeveloper, Java, BC4J (Business Components for Java) and Oracle IAS.</li>   <li>▪ Web Financial Application for the Banking Supervision of Colombia, Supervision of Public Services of Colombia and for the UNAD (Universidad Nacional a Distancia - National university at a distance), developed with Oracle 9i, JDeveloper, Java, BC4J (Business Components for Java) and Oracle IAS.</li> </ul> <p><b>SIGTECH LTDA (January 2002 – December 2002)</b>  8 Avenues # 97-62  Telephone Numbers: (57) - 1 – 6171393.  Bogotá, Colombia</p> <p> <b>Analyst and Developer Engineer</b></p> <ul style="list-style-type: none"> <li>▪ Develop of an Application of “<b>Registry of Lots and Parcels</b>” for <b>TeleArmenia</b> (Telephone Company). ArcView 3.2 (Avenue Language) and Oracle 8i as a GeoDataBase.</li>   <li>▪ Develop of an Application “<b>Mapping Module for T-Net Product Application</b>” (<b>TeleArmenia and TeleHuila</b>, two different Telephone Companies). ArcView 3.2 (Avenue Language), ArcSDE and Oracle 8i.</li>   <li>▪ Develop of a Product Application “<b>TM (Telecommunication Management)</b>” - Product Application for <b>TeleNariño and TeleTolima</b> (two different Telephone Companies). Management of Inventory and Planning and Engineering Module. MapObjects 2.1, ArcSDE 8.1 and Oracle 8i.</li>   <li>▪ Develop of an Application “<b>Mapping Module for TM Product Application</b>”. ArcObjects of ArcGis 8.2, ArcSDE 8.2, Visual Basic 6.0 and Oracle 8i.</li>   <li>▪ Develop of an Application “Project for the Attached Vice-presidency of Exploration of ECOPETROL (ECOPETROL is the oil official organization <b>of the country</b>)”. File conversion and conversion of the Geographic Information System Application, passing from ArcView 3 to ArcView 8 (ArcGis), using ArcObjects, ArcSDE 8.2 and Oracle 8i.</li> </ul>
<p><b>Education</b></p>	<p><b>University / College (6 Years):</b>  UNIVERSIDAD DE LOS ANDES (Los Andes University)  Systems and Computation Engineering  Santa Fe de Bogotá, Colombia  From January 1995 to December 2001</p> <p>Thesis Theme:           Geographic Information Systems  Project Name:            Simulator of Intra Urban Mobility in Bogotá City.  Technologie:             ArcView 3.2a (Avenue Language) and Microsoft Access  Date of Delivery:        December 14 of 2001.</p>

	<p><b>Secondary / High School (6 Years):</b>          COLEGIO MAYOR DE SAN BARTOLOME (Mayor School of San Bartolome)          Santa Fe de Bogotá, Colombia          February 1989 to December 1994</p>
<p><b>Professional Qualifications Certificates</b></p>	<p>Core Web Application Technologies with Microsoft Visual Studio 2005.          Advanced Web Application Technologies with Microsoft Visual Studio 2005.          Building GeoDataBase with ArcSDE (ESRI Software).          Introduction to Programming ArcObjects with VBA.          Introduction to ArcIMS (ESRI Software).          Introduction to ArcSDE (ESRI Software).          Administering ArcSDE for Oracle.          Advanced ArcInfo (ESRI Software) and Building GeoDataBase.          Advanced Programming of MapObjects (ESRI Software) With Microsoft VBA          The ArcView Development Environment – ArcView (ESRI Software).          Programming with Avenue.</p>
<p><b>Software Experience</b></p>	<p><b>ESRI Software :</b> ArcGIS Desktop (ArcView, ArcEditor, ArcInfo), ArcIMS, ArcSDE. ArcGis Server, ArcGIS Mobile, MapObjects.</p> <p><b>ESRI Extensions:</b> PLTS Foundation (Production Line Tool Set), GIS Data Reviewer, MPS, ArcScan, 3D Analyst, Spatial Analyst, Military Analyst, MOLE, Data Interoperability, Tracking Analyst.</p> <p><b>Programming:</b> Visual C++, Microsoft Visual Basic 6.0. Microsoft Visual Basic .NET 2003., Microsoft Visual Basic .NET 2005., Java and the J2EE Architecture, JDeveloper, BC4J of Oracle (Business Components for Java).</p> <p><b>Databases:</b> Oracle 8i, 9i and 10g., Oracle 9i Knowledge of PL/SQL., Operating Systems UNIX Platform., Windows Platform.          UML Methodology.</p>
<p><b>Knowledge of Languages</b></p>	<p>Spanish.          English.</p>
<p><b>Signature</b></p>	<div style="text-align: center;">  <hr style="width: 20%; margin: 10px auto;"/> <p>CARLOS ANDRES CARDONA C.          C.C. 79.963.652 of Bogotá</p> </div>