



## **Hernando Mogollon**

1155 Harwood St Vancouver, BC, Phone +1.778.960.4959  
mail@nandomogollon.com

**Career Objective:** It is my intention to keep developing my career as an Integral Architect with an emphasis on project / Design management applying my skills in integrated design and BIM-IPD . I am looking forward for new opportunities in a strong architectural firm.

### **Education and Certifications:**

- Universidad Piloto de Colombia. Bogotá, Colombia. January-August 2006. **Project Management** – Diploma.
- **SCA** – (Colombian Society of Architects) **Registered Architect** for Bogotá and Cundinamarca. Since 2002
- Pontificia Univesidad Javeriana (PUJ). Bogotá, Colombia. Jan 1997 – Dec 2001. Degree: **Major in Architecture** (M.Arch Equivalent)
- Colombian Navy Academy & Universidade de Sao Paulo (USP), SP Brasil. January 1994– Dec. 1996. **Studies on Civil Engineering.**

### **Software Used:**

- Autodesk **Revit** Architecture
- Autodesk **Navisworks** Manage
- Autodesk **Autocad**
- Graphisoft **ArchiCAD**
- **GDL** Parametric programming language
- Tekla **BIMSight**
- **Vico** Software
- **Solibri** Model Checker
- IFC exchange based systems – **OpenBIM** principle.
- Trimble **SketchUp**
- MS **Projects**
- MS **Office**
- **Adobe CS** – Photoshop – Illustrator – InDesign

### **Employment History:**

**October 2011 – October 2012** **UDG United Atelier** **Shanghai – China.**

*Second biggest Design services private company in China*

#### **Senior Architect / BIM**

##### **Responsibilities:**

- Design, design coordination of projects from concept stage to design development
- Prepare proposals and presentations for large scale Project Competitions
- Supervision of local Chinese teams for construction documentation production using BIM
- Coordination of multidisciplinary teams and cross-discipline design reviews
- BIM Implementation, Software training and creation of Protocols and Standards.
- Parametric Object / Families creation, customized according to projects requirements.
- Design and BIM supervision for project development.

##### **Projects:**

- **Cultural Center,- Museum, Library, Theatre, Activity Center and Media Building.** Zaozhuang city. Shandong Province. 87.470 m2 – 941.500 sq.ft.
- **Soccer Football Stadium,** Zaozhuang city. Shandong Province. 40.000 spectators. 75.000.m2 – 807.293 sq.ft. From Concept Design to Design Development using BIM Process.
- **Cultural Center – Library, Museum and Media Center.** Xiqing - Tianjin City 32.000 m2 – 244.445 sq.ft.

##### **Major Accomplishments:**

- Implementation of BIM software and workflow in 4 different departments



- Direct training of more than 25 staff architects; indirect training set up for more than 40 professionals
- Design Management of teams up to 7 architects for project delivery.

**August 2010 – October 2011      Manasc Isaac Architects      Edmonton AB – Canada**

*The Province leaders in the design of climate adaptive and net-zero energy usage buildings.*

**Project Architect / BIM Specialist**

**Responsibilities:**

- Create three-dimensional building information modeling and two-dimensional construction documentation using BIM software
- Participate in the design process and develop alternative solutions and presentation graphics used to communicate concepts to the client and for municipal approval
- Review shop drawing sets and submittals sets during the construction phase
- Provide assistance and support in order to maintain BIM best practices and enforce the use of Standards and workflows.

**Projects:**

- **EPCOR Water Services – Rosedale Plant, Master Plan. Office Spaces and Exteriors Design Landscape/Hardscape.** Edmonton AB. More than 52.000 m<sup>2</sup> – 559.723 sq.ft
- **Larch Park EKOS. Development Plan. Residential Condo Buildings and Townhouses.** Edmonton AB – Canada. 114.000 m<sup>2</sup> – 1.227.085 sq.ft
- **EPCOR Water Laboratory. New Lab Building.** Edmonton AB. Canada. 1.250 m<sup>2</sup> - 13.455 sq.ft

**February 2008 – July 2010      Osmond Lange Architects and Planners      Durban. South Africa**

*Large South African Architectural Company involved in major Airport and Sport Projects for the FIFA 2010 World Cup.*

**Project Architect / BIM Coordinator**

**Responsibilities:**

- Responsible for the Design development, construction documentation and architectural supervision on site for the Envelope of the passenger's Terminal Building of the KSIA Airport project.
- Review and coordinate workshop meetings with consultants, designers and builders using BIM technologies
- Set up, maintain and enforce the use of standards and workflows of BIM processes project wide.
- Management of BIM Models from different designers for cross- discipline coordination and clash detection
- Participate in the design process and develop alternative solutions and presentation graphics used to communicate concepts to the client and third parties

**Projects:**

- **King Shaka International Airport - KSIA - Passengers Terminal Building.** Durban KZN South Africa. 130.000 m<sup>2</sup> - 1,076,391 sq.ft.
- **T&T National Velodrome.** Port Spain, Trinidad & Tobago. 13.000m<sup>2</sup> – 139.930 sq.ft
- **Kensville Bungalows. High-end Vacation Houses.** Ahmedabad Gujarat. India. 7 Houses for a total of 2.975 m<sup>2</sup> – 32.022 sq.ft

**Major Accomplishments:**

- Took part in a green field Airport project in a Fast-track record time of 3 years for Design and Construction; including all buildings, runways and civil works.
- Developed and documented strategies for Design Quality Assurance, and Document Control for over 1600 Construction documents.
- Set up workflows, procedures and protocols to design, coordinate and produce documentation out of BIM Models in Teamwork technology – 25 users, one single model.

**July 2006 – January 2008      Axia Interior Architecture      Bogotá. Colombia**

*Design-Build Studio dedicated to residential and home-office renovations and real state business development.*

**Principal**

**Responsibilities:**

- Develop a quality relationship with Clients and analyses client circumstances to recognize new business opportunities
- Manage Projects and coordinate tasks from start to end to accomplish project and business objectives
- Responsible for planning, scheduling, conducting and coordinating the technical and management aspects on all projects.



- Supervise design on construction phase and perform administrative chores to keep projects within schedule and budget

**Projects:**

- **A. Lamus Apartment. Condo renovation.** Furniture, Finishes, Kitchen and Bathrooms compromised.
- **A.M. Falchetti Apartment. Condo renovation.** Finishes, Kitchen and Bathrooms
- **J. Vergara. Apartment. Condo Development.** Layout distribution, from Concept to completion.
- **E. Valencia Apartment. Condo Development.** . Layout distribution, from Concept to completion.
- **C. Quintero Apartment. Condo renovation.** Furniture, Finishes, Kitchen and Bathrooms compromised.

**Major Accomplishments:**

- Started my own Design-Build Studio, first serious achievement as Entrepreneur.
- Business plans development for business strategies and real state development.
- More than 1.000 m2 renovated –redeveloped in fast track to achieve quick project delivery.

**August 2006 – April 2007** **Weiss Cortes & Fischer** **Bogotá. Colombia**

*Design Studio with an emphasis on Residential, Retail & Office spaces*

**Design Architect**

**Responsibilities:**

- Production of 3D study models and presentation drawings.
- Develop design sketches and building details.
- Produce permit drawing set in conformance with SCA building code and municipal zoning bylaws.
- Coordinate Architectural drawings with consultants (Structural, Mechanical, Electrical, Graphic Design etc.)
- Coordinate specifications with drawings and selected materials and finishes.

**Projects:**

- **88 Office / Hotel Building.** Bogotá. Colombia. 10.000m2 – 107.639 sq.ft
- **CBC Chain of Restaurants. 3 Different Brands.** Country – wide. Over 2.000 m2 - 21.527 sq.ft for the Pilot Projects
- **CBC Chain of Restaurants.** Architectural Design Guidelines Manual.

**February 2006 – August 2006** **ACR Architects** **Bogotá. Colombia**

*Design – Build firm involved in Office Spaces and High – End Residential Projects*

**Site Architect – Project Manager**

**Responsibilities:**

- Preconstruction coordination of designs, preparation of bidding packages and selection of contractors for each specific field.
- Contract administration and regular payment approvals according to progress and schedules.
- On-Site quality assurance and Architectural supervision to ensure project standards.
- Project close up and final hand over to the client
- After- sales services for changes, reparations and claims.

**Projects:**

- **SAGEM Défense Sécurité Offices.** Bogotá. Colombia. 750 m2 – 8.073 sq.ft

**December 2004 – February 2006** **AEI Ltd** **Bogotá. Colombia**

*The leader company on Colombia for Architectural services in Office and Retail spaces.*

**Site Architect – Project Architect**

**Responsibilities:**

- Production and supervision of designs of different disciplines
- Preconstruction coordination of designs, preparation of bidding packages and selection of contractors for each specific field.
- Contract administration and regular payment approvals according to progress and schedules.
- On-Site quality assurance and Architectural supervision to ensure project standards.
- Project close up and final hand over to the client
- After- sales services for changes, reparations and claims

**Projects:**



- **Johnson & Johnson Medical Latin America Headquarters. Office Building.** Bogotá Colombia. 2.100 m<sup>2</sup> – 22.604 sq.ft
- **Colliers International Offices.** Bogotá Colombia. 500m<sup>2</sup> – 5.382 sq.ft
- **PEPE Ganga Department Stores.** Bogotá. Colombia. More than 2.000m<sup>2</sup> – 21.500 sq.ft.

**Major Accomplishments:**

- Renovation of a 6 story building – offices spaces Live; that is created an strategy to accommodate all personnel temporarily in 3 floors while renovating the other 3 floors, then re-accommodate all personnel temporarily in the new 3 floors and finish the building; then relocate everyone to it's final office / working space. J&J Medical Project
- Developed new Architectural Image and style for the Department Store. Eventually applied Countrywide.

**May 2002 – November 2004** **Salgado Restrepo Architects** **Bogotá Colombia**

*Design – Build Studio focused on High End Vacations Houses*

**Design Architect – Project Manager**

**Responsibilities:**

- Production of 3D study models and presentation drawings.
- Develop design sketches and building details.
- Produce permit drawing set in conformance with SCA building code and municipal zoning bylaws.
- Coordinate Architectural drawings with consultants (Structural, Mechanical, Electrical, Graphic Design etc.)
- Coordinate specifications with drawings and selected materials and finishes.
- Preconstruction coordination of designs, preparation of bidding packages and selection of contractors for each specific field.
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- On-Site quality assurance and Architectural supervision to ensure project standards.
- Project close up and final hand over to the client

**Projects:**

- **Ojeda Mor House.** Aposentos - near Bogota. Colombia. 330 m<sup>2</sup>
- **Betancour House.** Aposentos – near Bogota, Colombia. 315m<sup>2</sup>
- **Delos Rios House.** Mesa de Yeguas. Colombia 650 m<sup>2</sup> – 7.000 sq.ft

**Major Accomplishments:**

- Helped grow the company from staff of 2 including myself to 12 Design Architects and 4 Site Architects
- Set up procedures for pre-construction stage including quantity takes offs, budgeting and scheduling.
- Implemented BIM – Virtual Building in those days- with Archicad.

**June 2001 – May 2002** **Freelancing** **Bogotá Colombia**

*Rendering and CAD services*

**February 2001 – June 2001** **Anti-Narcotics Direction, Construction Office.** **Bogotá Colombia**

*Construction Department of the National Antinarcotics Police Corps. Directly involved with the US Engineers Brigade for Plan Colombia the war on Drugs.*

**Intern Architect**

**Responsibilities:**

- Help with the translation of documents: drawings, instructions and specifications for the infrastructure under development.
- Help bridging the gap between the US Officers: Architects and Engineers and local Police Architects for the development of the projects.
- Production of 3D study models and presentation drawings.
- Develop design sketches and building details.
- Produce permit drawing set in conformance with SCA building.

**Projects:**

- **CATAM Antinarcotics Terminal Building. El Dorado Airport.** Bogotá Colombia. 3.500 m<sup>2</sup> – 37.673 sq.ft
- **JUNGLE Training School.** Facatativa Colombia. 15.000m<sup>2</sup> – 161.458 sq.ft

**Major Accomplishments:**

- Obtained all credits required for Graduation as Masters in Architecture.
- Managed the responsibility of being part of a multinational effort on the war on Drugs