

Daniel Vélez

Job Title

Project Manager.
Senior Architect.
BIM and Digital Program Manager.

Key skills

Project Management
Design Management
Buildings, Bridges & Viaducts
BIM & Digital

Language Skills

Spanish (Native)
English (Fluent)
French (Fluent)



Education

M.Arch. Architect, Polytechnic
University of Havana (Cuba)
Official degree recognition by Spain
Ministry of Education / EU

Years of Experience

20 years

Other certificates

Project Manager FUCOAM
Project Manager AECOM

Daniel Vélez; Senior Architect and BIM specialist with more than 20 years of experience; delivering with success during this time a wide range of industrial, institutional, retail buildings; and infrastructure projects

Education

- M.Arch. Architect, Polytechnic University of Havana (Cuba) (1995)
- Official degree recognition by Spain Ministry of Education / EU (2011)
- Certification in Project Management / FUCOAM / Madrid 2007

Expertise:

Mr. Daniel has over 20 years of experience within Architecture, Engineering and Construction business areas.

Throughout his career; he has had the opportunity of participating in a wide variety of large national and international projects, in which he held positions as Author-Collaborator, Discipline Lead, Project Engineer and Project Manager.

With a wide technical background and engineering approach, technical excellence delivering industrial, institutional, and retail projects; working on all stages from inception to completion.

Entire lifecycle developments for Architecture and Engineering, including Consulting activities on BIM areas.

Experienced in GIS used to collect, store, analyse, manipulate and present a range of complex geographical and spatial data.

Relevant Projects:

GROUP-IPS – Belgium (Liège) - Ongoing - ALIBABA Logistic eHub at Liège

Permitting Project and Basic Design for two warehouse buildings and offices - 50.000m2 – **Project Manager**

GROUP-IPS – Germany (Frankfurt) – Ongoing - BIOBREW as Innovation branch of AB InBev - **Procurement Manager for**

Protein Demo Innovation Facility at Frankfurt-Höchst industrial Park.

GROUP-IPS – Luxembourg (Wiltz) – Ongoing - ASTEL MEDICA - **CSA Design Manager** for Grade D Pharma Facility

AECOM (2019-2021) – **TELT** – Lyon Turin Tunnel delivery partnership

The Lyon-Turin tunnel is a tunnel of more than 50km of length. AECOM is delivering the services of Technical Assistance to the Client (AMO).

Project Manager – BIM manager

- Definition of the BIM Strategy within TELT
- BIM Strategy focused on delivery of the Works
- Data Management
- Classification
- Process & Workflows
- Automation
- Delivery of set of BIM requirements
- Assistance to TELT to select contractors as part of an international tender process

AECOM (2016-2019) – France – Société Grand Paris – Ligne 15 Est. 27 km long subway line at Paris, 11 Stations and other 23 auxiliary facilities. Four Engineering Companies and seven Architecture Offices within a Joint Venture to project delivery.

Project Manager – BIM manager

- AVP-A, AVP-B, PRO project design phases management of BIM
- Coordination of multi-office scenario in regard to BIM
- Development and implementation of project BIM Execution Plan
- Development of advanced coordination/production/quality control BIM tools
- Data Management
- Classifications
- Object Library
- Automation

AECOM (2016-2019) – France – Service Stations Shell. PMO service for the Bidding Phase, Engineering and Design of SHELL service stations throughout France. **BIM Program Manager.**

- BIM Execution Plan and Data Management setup for the project.

AECOM [Confidential] (2014-2016) – Middle East - Detailed Design and Construction Services for Viaducts and Elevated Stations In for Middle East Country Metro. Project QTO and Specification lead – MDC Design and Safety Manager

- Several km of Line 1 Viaducts and 10 Elevated Stations for Metro Line 1 and 2. Most of the viaduct solved by 35m isostatic spans made by precast segments located on site with special gantry.

Recent and most relevant works

JACOBS (2012-2014)– Belgium – EPCM contract - Facility Building for IPV - Inactivated Poliovirus Vaccine 15.000 sqm Facility Building for IPV (Inactivated Poliovirus Vaccine). Production. BSL3, Grade B-C environment project, for Bio-Pharma international leader group, at Belgium. Discipline Lead / Architecture - France

- Detail Design SETUP for Architecture
- Technical excellence
- Coordination of international high qualified design team, involving Netherlands, Belgium, France and India offices
- Full BIM 3D technology project by means of advanced coordination/production tools
- Classification
- Data Management
- Automation

Airports experience

JACOBS (Before 2012) - Spain – Albacete – EPCM contract - Eurocopter Assembly and Testing Facility. Senior Lead Architect responsible of Concept Design, Detailed Design, Construction Management (2007).

- 18.000sqm including Administrative Buildings, Parking area, Assembly Facilities and helicopter landing platform.
- 150.000sqm landing area.

JACOBS - Spain – Valencia – EPCM contract - Aircraft Citation Service Center. Senior Lead Architect responsible of Detailed Design, and Construction Management (2010).

- 8.500sqm Administrative Buildings and Citation Service Center.
- 6.000sqm of hangar space and a three-floor office layout.

JACOBS - Spain – Málaga - Maria Zambrano High-speed Railway Station and multi-purpose complex (2004).

Lead Architect: Detailed Design; Construction Management.

- 160.000sqm including Railway Station upgrade; Movie theaters; Travelers platform canopy; Retail Centre; Travelers Centre; four-star Hotel, Underground parking and Urban accommodation.

JACOBS - Spain – EPCM contract - Warehouse decommissioning - Industrial Plant 70.000 m3 Warehouse. Project Manager

JACOBS - Libya - Surman – Engineering contract – 7th OF APRIL UNIVERSITY 165.000sqm. Design Manager – Engineering Manager

JACOBS - Spain – Badajoz – EPCM contract - Retail Center FARO DE GUADIANA - Engineering Manager

JACOBS – Spain - IKEA – Several locations – EPCM contract IKEA Madrid III / IKEA Murcia / IKEA Málaga – Lead Architect