

Carlos Aleksander Pierre Meschgrahw

Date of Birth: May 12th, 1987

55 Pará Street, Block SP, Apartment 24, Jardim Colina, Americana, SP, Zip Code 13478-310

(Available for travel and relocation if necessary)

Phone: +55 11 96112 4581

e-mail: carlospierre@gmail.com

www.linkedin.com/in/carlospierrem

Objective:

To work in the position of Civil Engineer | BIM Manager | Land Development and Infrastructure Specialist

Summary:

I am a Civil Engineer specializing in Infrastructure Projects with 10 years of experience in leadership and management of complex infrastructure projects from planning to execution, ensuring compliance with established deadlines, budgets, and quality standards. In addition, I have provided specialized consultancy services for large-scale projects to national and multinational companies, resulting in customized and innovative solutions, developing infrastructure projects with advanced technologies and cutting-edge strategies, ensuring superior results for clients. I also monitor the implementation of proposed solutions, ensuring the effectiveness of developed solutions and client satisfaction.

With experience in strategic negotiations, I highlight my main specialties as grading, stormwater drainage, water supply networks, sewage networks, pavement and signage designs for land developments projects.

Professional Experience:

Freelance Civil Engineer - São Paulo/SP - 2017 – Present

Civil Engineer Specialist in Infrastructure Projects

Responsibilities:

- Negotiation for contract closure:
 - Conducting strategic negotiations with large national and multinational companies, such as Rumo, CCR, Inerco, Yamana Gold, JHSF Malls, Gás Natural Fenosa, BRK Ambiental, Rodobens Negócios Imobiliários, Grupo Impper, Jeronimo da Veiga Empreendimentos Imobiliários and Banco Safra, ensuring the obtainment of profitable and advantageous contracts for both involved parties.
- Project management, consultancy, and development:
 - Leadership and management of complex land development, from planning to execution, ensuring compliance with established deadlines, budgets, and quality standards.
 - Provision of specialized consultancy on large-scale projects for national and multinational companies.
 - Development of land infrastructure projects, utilizing advanced technologies and cutting-edge strategies.
- Implementation monitoring:
 - Constant monitoring of the implementation of proposed solutions, ensuring the effectiveness of developed solutions and client satisfaction.

Key accomplishments:

- Successfully completed urban Design, grading, stormwater drainage, water and sewerage networks, pavement and signage projects in Guapiaçu/SP.
- Designed water pipeline and sewage outfall for land developments in Cotia/SP, Caçapava/SP, Tabuão da Serra/SP, São José dos Campos/SP, and Poá/SP.
- Lead de development of a wastewater treatment plant in Cotia/SP.
- Created an Emergency Action Plan for soil landslide containment in São Roque/SP.
- Conducted risk mapping of the entire railway network of Rumo throughout the national territory.
- Conducted environmental monitoring and semi-annual update of the environmental liabilities situation of highways in the states of Mato Grosso do Sul, São Paulo, and Rio de Janeiro.
- Developed of Environmental Management Plan (EMP) for the disposal of sterile material piles and low-grade material, control of acid drainage potential, evaluation of wastewater treatment plant efficiency, control of erosion processes, landslides and stormwater drainage, and monitoring of the quality of stormwater and wastewater for mining in Alto Horizonte/GO.
- Prepared an Environmental Impact Assessment (EIA) and Environmental Impact Report (EIR) for a gas pipeline branch to be implemented in Resende/SP, Barra Mansa/RJ and Porto Real/RJ.

Skills developed:

- Persuasion and argumentation skills to convince potential clients.
- Strategic vision to identify opportunities and anticipate market trends.
- Leadership and management of complex infrastructure projects.
- Knowledge in planning, execution, and control of projects.
- Ability to define clear objectives and goals for the team.
- Ability to deal with unexpected situations and solve challenges.
- Knowledge in cost, time, and quality management of projects.
- Ability to handle client expectations and ensure their satisfaction.
- Knowledge in results analysis and performance evaluation.
- Ability to make timely adjustments and improvements.

AmbConsult Environmental Studies and Projects - São Paulo/SP - 2014-2017

Projects and Consulting Company with emphasis on Solid Waste Management (Sanitary Landfills)

Civil Design Engineer

Responsibilities:

- Development of Class I, II, and Inert landfill projects, including: environmental impact assessment, environmental mitigation strategies, geotechnical site investigation, landfill stability design, solid waste management planning, final waste disposal design, landfill infrastructure design, waste disposal cell design, stormwater drainage design, access and internal road design, leachate treatment and management.

Key accomplishments:

- Development of class I, II, and inert sanitary landfill projects in various regions of Brazil, including:
 - Class II landfills: Oswaldo Cruz/SP, Santa Luzia/MG, Betim/MG, Juiz de Fora/MG, Guapó/GO, Piracicaba/SP, Pirai/SP, Angra dos Reis/RJ, Altamira/PA, Itaberaba/SP, São Carlos/SP, Embu/SP, and São Bernardo do Campo/SP.
 - Class I landfills: São Francisco do Conde/BA, Betim/MG, Juiz de Fora/MG, Lavras/MG, Santa Luzia/MG, Barão de Cocais/MG, Sumaré/SP, and Cariacica/ES.
- Responsible for feasibility study for sanitary landfill and transfer station for the State Plan for Domestic Waste Management in Southern Alagoas.

Skills developed:

- Technical knowledge regarding all stages of sanitary landfill and dumpsite projects, from basic project development to implementation logistics and closure of the venture.
- Ability to handle various demands and tight deadlines due to the need to develop projects for different clients in different locations.
- Ability to perform calculations and technical and economic feasibility analyses regarding the choice of location for landfill implementation and the sizing of all its constituent parts.
- Knowledge of environmental and regulatory legislation related to solid waste, as well as the ability to monitor changes in this legislation over time.
- Project management skills to handle multiple teams, meet deadlines, and ensure the quality of work performed.
- Good communication and interpersonal skills to deal with clients, internal teams, and outsourced professionals.

TriGeo Geotechnical Engineering – São Paulo/SP – 2013-2014

Civil Engineering Projects and Consulting Company, specialized in Geotechnics

Civil Engineer Intern

Responsibilities:

- Assist in the development of geometric and stormwater drainage projects.
- Perform geotechnical stability and stormwater drainage calculations.
- Define soil tests and soil boreholes.
- Analyze results from soil tests and soil boreholes.

Key accomplishments:

- Participated in geotechnical consulting on the Imigrantes, Anchieta, Ayrton Senna, Carvalho Pinto and Tamoios highways, located in the state of São Paulo, as well as on the BR-116 highway, located in Bahia.

Skills developed:

- Knowledge in the development of geometric and stormwater drainage projects.
- Proficiency in geotechnical stability and stormwater drainage calculations.
- Knowledge in soil tests and soil boreholes.
- Ability to work in a team and meet deadlines.

Academic Background:

Bachelor's Degree in Civil Engineering- 2014

Mackenzie Presbyterian University
São Paulo- SP- Brazil

Post-Graduation in Building Information Modeling (BIM)- Ongoing

Pontifical Catholic University of Minas Gerais
Distance Learning Specialization

Languages:

- Portuguese- Native.
- English- Advanced.

Software:

- Autodesk Civil 3D- Advanced.
- Autodesk Revit- Advanced.
- Autodesk InRoads- Intermediate.
- Autodesk NavisWorks- Intermediate.
- ESRI ArcGIS- Advanced.
- Bentley WaterGEMS- Intermediate.
- Bentley SewerGEMS- Intermediate.
- HEC-HMS- Advanced.
- Microsoft Excel- Advanced.
- Microsoft Project- Advanced.