Gelder de la Ossa Terraza

ID: 72357404 – Birth date: Sept 29th, 1985 - Mobile phone: +57 3205667211
Barranquilla, Colombia – Email: gelderot@gmail.com   www.linkedin.com/in/gdelaossat/

■ **Profession:** SYSTEM ENGINEER

■ **Professional profile**

System engineer with experiences in Business Intelligence, Mining enterprise systems, and HSEC+Q systems as Isometrix (Risk, Incidents, Deviations, Inspections, Meetings, Actions). I am working as a Software Implementation Consultant at Golder Associates, delivering services to support the Corporate GRC (Governance, Risk Management, Compliance).

I am an analytical, planning, and creative person with experience in the management and development of projects according to the user's requests and expectations. I apply agile methods, models, technologies, and modern tools in technical and administrative activities involved in the construction and maintenance of software to provide timely support for decision-making according to organizational strategic objectives.

Capable of designing the strategic plan of projects, integration of applications, supply analysis, and management of personnel resources, technological infrastructure, and support services throughout the life cycle of computer systems.

■ **Work experiences**

Golder Associates
Position: EHS Software Configuration Specialist

Duration: Dec 2020 – Currently

Used technologies: Power BI, Qlik Sense, Isometrix, SQL Server, SQL Server Analysis Services, SQL Server Reporting Services, SQL Server Integration Services, Power Automated, Nabsic, Enablon

Responsibilities

- Configure EHS software per design specifications

- Perform unit testing of EHS software to verify configuration per design specifications and end-to-end system testing with support as needed

- Develop reports, dashboards, and other visualization assets using commercially available software packages and tools

- Demonstrate software configuration and base functionality to customers in informal and formal settings

- Develop technical documentation, training materials, test scripts, and legacy data mapping for customers and project teams

- Support customers through UAT

- Perform data migration and cleansing activities

- Troubleshoot configuration issues during deployment and rollout activities

- Support customer account team during post-deployment and rollout activities

Achievements
- Implementation of EHS Isometrix solutions for companies with 1000+ employees and operations in 5 continents.
- Integration of Enablon ESH/EHS module solutions with third parties.

C.I. Prodeco S.A.
Position: Software analyst

Duration: April 2013 – Dec 2020

Used technologies: Talend Data Integration, Bizagi, Power BI, Qlik Sense, Qlik NPrinting, Isometrix, SQL Server, SQL Server Analysis Services, SQL Server Reporting Services, SQL Server Integration Services, Mototrbo, .NET Core, DotNetNuke, SAP Business Objects.

Responsibilities

- Lead, conceptualize, build and coordinate the development of the assigned software and BI projects, guaranteeing an efficient administration of resources.

- Support all core business information systems, which control the data and process for exploration, extraction, transport (by trucks and train), coal shipping, compliance, and risk management.

- Coordinated assigned development group for software projects and deliver business solutions to internal clients around the organization.

Achievements
- Improvement of processes, cost reduction, design of indicators and monitoring, control, and compliance methodologies.

- Technical leadership of the planning and implementation project of Isometrix, which is an information system to support the corporate GRC and HSE.

Design and implement the following systems:

- Data warehouse and analytical tools for decision-making.
        Purpose: monitoring and controlling production goals and associated parameters to achieve them.

- Business activity monitoring system.
        Purpose: alerts information system for monitoring of processes in the company.

- System to optimize the start of the shift in the mining operation.
        Purpose: optimize the process of starting a shift and assigning equipment to operators using mobile technology devices, recovering up to 80% of one hour of production for each shift change

- Control panels on industrial monitors.
        Purpose: monitoring key indicators in the mining and port operation.

- Configuration management plan procedure leveraging in the repository administrator.

- System of control and monitoring of coal transport by tractor trucks equipped with RFID technology.
Purpose: Track and control the duration and flow of coal transported by trucks between the mines and the port.

C.I. Prodeco S.A.
Position: Software Developer

Duration: February 2009 – April 2013

Used technologies: SQL Server, Mototrbo, ASP .NET, Windows Forms .NET, Web Services, WCF, OPC DotNetNuke, Windows CE 6.5, ASP NET MVC, RFID

Responsibilities
- Analysis, design, implementation and maintenance of the computer systems assigned. Accompaniment and user training.

Achievements

- Support the development and maintenance of the information system to control the production process and monitoring of key performance indicators (KPIs) based on OEE (Overall equipment effectiveness).

- Integration of the coal reception system by truck with the inventory system of crushed coal in yards and valves, this integration was made by OPC for the interconnection with Siemens PLCs.

Design and development of the following systems:

- Integral information system for registering data associated with the organization and contractors' key indicators of industrial safety, environment, and occupational health.

- System for reporting events to the dispatch system, from rugged tablets installed in trucks, to optimize the data collection process and resources at the level of radio communications in operation.

- Dispatch information system controls unloading processes, loading barges, towing barges, and embarkation on ships.

- Tool for monitoring the flow rate of train unloading, optimizing the use of resources, and decision-making in real-time.

Implementation of support systems:

- Integrated system for the dispatch of coal by trains, coal transport in bands, and in-line carbon analyzer (Coal Scan) to ensure the quality of the requested product

- Web application portal, which allows the hosting of any in-house developed web application using the DotNetNuke web application framework.

- Project of the information system of time control using RFIDs (WeighMaster of Kanawha Scales and Systems) installed in coal transport trucks for billing to the responsible transport company, as well as generation of reports of detection and control of abnormal situations in the process, as well as the real-time notification of these or other key indicators for the operation.

- Laboratory management system (LIMS) "Sample Master" for registering the analysis results to carbon samples for the quality control of the exported product.

Electricaribe S.A. E.S.P.
Position: web development coordinator

Duration: December 2006 – January 2009

Used technologies: Oracle, ASP .NET, Windows Forms .NET, Web Services, DotNetNuke.

Responsibilities

- Analysis, design, implementation, and maintenance of computer systems related to the corporate intranet to support internal processes and internet portals.

- Coordination of in-house development group for web solutions in the intranet and internet portals.

Achievements

- Development of integrating modules (PQRs, Chat, fraud report, request of duplicate invoices) with the contact center.

- Migration of data layer from CMS DotNetNuke 3.0.13 from SQL Server to Oracle.

- Creation of massive invoice download application for special clients.

- Creation of an integral scorecard (Balance Score Card) for the follow-up of business strategies of the company's processes.

- A design tool to follow the procedures of agreements to satisfy purchasing plans.

- Application design for tracking storable materials against the needs planned by operational areas.

- Application design for the management of legal processes of the organization.

Electricaribe S.A. E.S.P.
Position: Web developer (Apprentice)

Duration: June 2006 – December 2006

Responsibilities
Analysis, design, implementation, and maintenance of computer systems related to the corporate intranet to support internal processes and internet portals.

Achievements
- Implementation of a web portal for www.energiaempresarial.com.co and www.electricaribe.com using DotNetNuke

- Development of a Web module for statistical reports of telemetered consumption to unregulated customers, using Oracle databases and ASP VB .Net programming language.

- Development of news visualization module, using Oracle database and ASP VB .NET programming language.

■Formal education

UNIVERSIDAD DEL NORTE
IT Governance Master
February 2022 – In progress
Postgraduate degree

UNIVERSIDAD DEL NORTE
IT Management Postgraduate
February 2020 – Dec 2020
Postgraduate degree

UNIVERSITAT OBERTA DE CATALUNYA
Master of Business Intelligence
October 2010 – November 2012
Master Degree

UNIVERSIDAD DEL NORTE
Software Engineering Postgraduate
July 2008 – September 2009
Postgraduate degree

UNIVERSIDAD DEL NORTE
System Engineer
January 2002 - March de 2007
Professional Degree

LICEO JOAQUIN F. VELEZ - MAGANGUÉ BOLÍVAR
Academic bachelor
January 1995 - December de 2001
High School

■Language

Native language: Spanish   **Second language:** English

■ Certifications

Isometrix Technical Solutions Associate
IsoMetrix Software
Abr 2022

USC4-1 Introduction to IsoMetrix
IsoMetrix Software
Mar 2021

System design certification L1
IsoMetrix Software
Mar 2021

Scrum Foundation Professional Certificate
CertiProf
Jun 2020

Data Scientist with Python
DataCamp
Apr 2019

Citizen Data Scientist
Alianza CAOBA
Sept - 2018

Data Analyst with Python
DataCamp
September 2018

Python Programmer
DataCamp
May 2018

■ Non-formal education

Data Scientist with Python
DataCamp
Apr 2019

Citizen Data Scientist
Alianza CAOBA
May 2018 – Sept - 2018

Data Analyst with Python
DataCamp
January 2018 - September 2018

Python Programmer
DataCamp
January 2018 – May 2018

Qlik Sense Administration
Manar Technologies
April 2018

Qlik Sense Developer
Manar Technologies
April 2018

Qlik Sense Advanced Topic
Manar Technologies
April 2018

Qlik NPrinting – Reports design
Manar Technologies
Nov 2018

SCRUM Master
Scrum Colombia – Fabian Schwartz
Jan 2018

Microsoft Corporation
Xamarin Forms (40 hours)
October 2016

Pluralsight
Agile estimation
August 2016

Pluralsight
Agile team practices with SCRUM
August 2016

Pluralsight
Real world Scrum with Team Foundation Server
July 2016

Pluralsight
Scrum Fundamentals
July 2016

Microsoft Corporation
Developing ASP.NET MVC 5 web applications (40 hours)
July 2015

Compuclub
Business Intelligence with SAP BW 7.3 / SAP BI 4.0 Academy (80 hours)
September de 2013

Intellego
SAP Business Objects Xcelcius (Dashboard design)
September 2012

Intellego
SAP Business Objects Web Intelligence
August 2012

Intellego
SAP Business Objects Universe designer
July 2012
Universidad del Norte
Intermediate Business English
August 2011 – November 2011

Universidad del Norte
Time management for productivity - 12 hours
November 2011

Intelligent Training
Project Management Professional PMP Certification - 40 hours
July 2011

FX Software
2WBuilder: Application Development for MOTOTRBO (radio telephones)
May 2011

Fundación ESI Center Sinertic Andino
CMMi model introduction (20 hours)
August 2010

Microsoft Corporation
Writing Queries Using Microsoft Sql Server 2008 Transact SQL (2778)
January 2010

Microsoft Corporation
Visual Studio 2008 Connected Systems: Windows Communication Foundation (6461)
January 2010

Language Department - Universidad del Norte
8 English levels
January 2002 – December 2005