



Diego Souto Catoira

Program Manager. Head of Technology Strategy & Partnerships at Altia

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<https://diegosc78.github.io>

Skills

Kubernetes

Linux

LLMs

IoT

EAI-SOA

Backend Development

Frontend Development

Smart Cards

Project management & DevOps

Organization

Communication

Leadership

Project management

Proactivity

Continuous Improvement

Customer Orientation

Team Player

Continuous Learning

Awards

IT Tech Engineering Student prize 1999

June 1999

A Coruña University

<https://udc.es>

Languages

Spanish

Native

English

B2

Profiles

[In diegosouto](#)



diegosc78



ponte124

Experienced Program Manager at Altia with a proven track record in diverse projects including consulting, software development, system implementation, and support-maintenance. Currently, I focus on advising, pre-sales, and developing value propositions. I actively contribute to internal company improvement processes, spanning quality, technology, and strategy. I also collaborate transversally within Altia Group's Global Risks Unit and serve as Head of Technology Strategy and Partnerships within Altia's Technology Directorate. My past transversal roles include corporate tools, training management, and process improvement. I am committed to continuous learning and strive to instill values of professionalism, responsibility, and dedication to excellence in my teams.

Education

University of A Coruña

2000-10-01 - 2003-06-30

Computer Engineering

Engineer

<https://udc.es>

Final project about design of an ERP middleware

University of A Coruña

1996-10-01 - 1999-06-30

Technical Computer Engineering in Management

Technical Engineer

<https://udc.es>

Final project about algorithm complexity automatic calculation

Experience

Altia

2023 - present

Technology Strategy and Partnerships Manager

Oleiros

<https://www.altia.es>

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Member of the Global Risks Unit

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Member of Innovation Laboratory Committee

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Technology observatory and definition of the company's technology strategy

•

Management of partner relationships

•

Establishment of corporate architecture and development guidelines

•

Leadership of internal product evaluation team

Altia

2006 - present

Project and Program Manager

Oleiros

<https://www.altia.es>

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Management of development and maintenance projects, primarily in Java technologies

•

Management of system integration projects

•

Management of consulting projects

•

Management of solution implementation projects

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Leadership of innovation projects

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Collaboration in the evolution of the corporate process model

•

Collaboration in the implementation and certification of quality models

Altia

2012 - 2017

Training Manager

A Coruña

<https://www.altia.es>

•

Coordination of global training activities for the company

•

Collaboration in defining strategic training guidelines

Altia

2004 - 2006

Analyst-Developer, Consultant

A Coruña

<https://www.altia.es>

•

Development and maintenance projects for J2EE technology applications.

•

Strategic systems and security consulting

GIG & La Milagrosa Gerontological Center

2003 - 2004

Project Manager

<https://investigacion.udc.es/es/Research/Details/G00083>

•

Led maintenance project for the Galician Social Inclusion Plan management system

•

Collaborated in R&D&i projects

•

Led development project for gerontological clinical record management

Level Telecom

1999 - 2000

Analyst-Programmer

Santiago de Compostela

•

Consulting for ERP implementation in the textile sector

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Development of EDI integration components

•

Web maintenance

A Coruña University

1998 - 2002

Programmer. Systems Technician

A Coruña

<https://udc.es>

Intern at the University's Computing Center and IT department:

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Server installation and configuration

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Web maintenance

Projects

MyAssistant: AI Chat app and agents for internal use

🌐

2024

Design and development of an AI chat application with agent capabilities for internal use within the company, integrating with various internal systems and databases to enhance productivity and information retrieval.

Give quick access to valuable internal information.

Reduce human intervention in internal service desk.

Improve presales processes

LLMs, Qdrant, Langgraph, FastAPI, Typesense, Kubernetes, LiteLLM, Langfuse

Development and implementation of a social bond management system for emergency food aid in a council, together with a supermarket chain as a collaborator, using a card.

Hundreds of people benefited from the system

Reduced human intervention and errors

Upscaling social services capacity for helping more people

Java, Spring Boot, Angular, Hibernate, JPA, AWS, PostgreSQL, Linux, Tomcat, REST, Docker, AKS

Development of the Lugo Smart City initiative.

🌐

2018-2021

Several subprojects, including e-administration, a citizen portal, citizen card upgrades, IoT and water energy management system, smart parking, GIS, OpenData portal, ...

Implemented a new citizen portal.

Upgraded the citizen card system to include new services.

Coordinated several IoT system deployments.

Deployed new servers and virtualization infrastructure.

vSphere, HPE, Java WebApps, Mercurio, Drupal, EcoMT, CKAN, Consul participation

Consulting for improving TIC area management processes an...

🌐

2017-2018

IT Processes redesign. Implementation of a issue tracking and project management tool

Redefined IT processes for better efficiency

Implemented a robust issue tracking system

Redmine, ITIL

Technical support service in the construction and maintenanc...

🌐

2017-2025

Data Office service

Pentaho, PowerBI, Airflow, NiFi, Superset, Kubernetes

Technology consulting for the security audit of the data network a...

🌐

2004

Audited hardened network and servers infrastructure

Detected several security issues for fixing

Support-maintenance service for multiple financial master sy...

🌐

2017-2018

For one of the biggest multinational clothes retailers in the world

Leading corrective and evolutive maintenance for more than 20 master systems.

SLA management and reporting.

Drastically reduced data errors and incidents.

Service improvement through process industrialization.

Java, Spring, Hibernate, JDBC, GWT, AS400, SWT

SOA platform migration and support-maintenance.

🌐

2016-2017

Implementation and subsequent support-maintenance of a SOA platform, mainly an Enterprise Service Bus (ESB). Includes also service availability, audit flows, failover, balancing, throttling, message routing, ...

Successfully migrated from Oracle Service Bus to WSO2.

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Deployed new services for several consumer systems.

WSO2

Support-maintenance of several corporate systems.

🌐

2017-2021

eLearning, surveys, inventory, endpoint agent, CRM, analytics dashboards, CI/CD...

Containerization. Migration to kubernetes.

Deploying and configuring new corporate systems.

Connected multiple systems through integrations, ETLs, synchronizations,....

Docker, Kubernetes, LimeSurvey, Moodle, OCSNG, SuiteCRM, SnipeIT, Metabase, Jenkins, Sonarqube, Nexus, ArgoCD, Dependency-track, Keycloak, Harbor

Development, layout and integrations of product portal and ...

🌐

2020-2021

Marketing website and private area

Focus on Graphic Design and UX

Drupal, PHP, MySQL, HTML5, CSS3

Development and implementation of the platform for Coruñ...

🌐

2013-2015

The whole platform included IoT, GIS, SSO, SOA, BI, OpenData,...

A 3.5M€ project, included in a +11M€ program with more than 10 pilot projects integrated into platform.

Coordinated a big team of several companies integrating the platform components.

SOFIA2, Oracle Service Bus, ArcGIS Server, Java WebApps

Development-maintenance of a e-administration platform fo...

🌐

2004-2005

Evolutive maintenance of a big java web platform

Designed and implemented new modules and integrations

Java, JDBC, JSP, JSTL, SOAP, Oracle, Linux, Tomcat

Development and implementation of a provincial asset mana...

🌐

2015-2016

Big project involving asset management, work orders, maintenance plans, KPIs dashboards, GIS and a Smart City Platform

Whole project involved more than 150 people. I was project manager of asset management platform, KPIs dashboards and GIS integration..

Loaded more than 2.5M georeferenced assets.

Fama Systems, ArcGIS Server, Liferay, SOFIA2, eVidens

Development of a management system for VAT declarations ...

🌐

2020-2021

Development of a management system for VAT declarations to European tax agencies, integrating client information and automating integration with tax agencies, both in immediate supply and in periodic declarations according to taxpayer calendar, through API and RPA.

Automated VAT declarations process

Reduced human intervention and errors

Java, Spring Boot, Angular, Hibernate, JPA, Camunda, AWS, PostgreSQL, Linux, Tomcat, REST, UIPath

Evolution of the Mercurio electronic tendering system. Supp...

🌐

2011-2015

Development and maintenance of an electronic tendering system.

Big public administrations as customers.

Hundreds millins of euros managed in tenders.

Focus in security, auditability and legal compliance.

Java, Hibernate, Spring, JSP, JSTL, SOAP, REST, Oracle, Linux, Tomcat, PKI, TSA, Secret Share

Development and implementation of a citizen card system. A...

🌐

2005-2010

Development and implementation of a citizen card system.

More than 200K cards issued.

More than 20M movements per year.

Full life cycle management including graphic and electronic personalization.

Managed economic intercompensation among several entities.

ISO7816, ISO14443B, Java, Hibernate, Struts, JSP, JSTL, SOAP, Oracle, Linux, Tomcat, C#, PCS3, JasperReports

Implementation and subsequent support-maintenance of an...

🌐

2020-2022

Implementation and subsequent support-maintenance of an IoT and SOA platform.

Deployed a full on-premise kubernetes platform, including ESB, Stream Processor, Message Broker, API Manager, ...

WSO2, Kubernetes, RabbitMQ

Certifications

Neo4j Certified Professional

2025

Neo4j

<https://graphacademy.neo4j.com/c/ab612bf7-0970-4362-8398-63479a9...>

Cypher Queries Graph Data Modeling Data Loading Graph Use Cases

Stratio Augmented Data Fabric Basics Certification

2023

Stratio

<https://training.stratio.com/admin/tool/lp/plan.php?id=8826>

Platform Stratio Augmented Data Governance Rocket analytical environment

BcU Certified Blockchain Ethereum Professional (CBEP)

2019

Blockchain United

<https://www.youracclaim.com/badges/c8d175ad-1698-4d0d-83c8-2d1d...>

Blockchain Smart contracts Working with the Ethereum platform

Development of DApps Tokenomics

Scrum Master

2019

ScrumManager

<https://scrummanager.com/index.php/es/perfil-publico?id=27540>

Expert level

Project Management Professional (PMP)

2009

Project Management Institute

<https://www.pmi.org/certifications/certification-resources/registry>

Integrated management Scope, time, cost, quality, risk management, ...

Team management Communications and stakeholder management

Courses

Project Management and Planning. Ms Project 2000

2003-01-17

Univesidad de A Coruña

Electronic Signature and Digital Certificates in Public Administration

2004-04-26

Escuela para las AAPP CaixaNova

Introduction to the CMMI Model

2008-03-31

Ideas Posibles SL

ITIL Fundamentals

2008-03-31

Ideas Posibles SL

Information Systems Project Management

2008-03-31

Ideas Posibles SL

European Project Management

2008-05-08

Método Consultores

International Certifications. Project Management

2008-11-28

Método Consultores

Customer Satisfaction. Product-Service Management

2009-02-24

Learning innova

E-commerce

2010-01-02

Recol Networks SA

Information Security Management Systems according to ISO 27001

2010-03-27

Inteco

Introduction to Big Data

2012-12-13

Centro de Novas Tecnoloxías de Galicia (CNTG)

Communication and Leadership

2013-09-25

Plan Future

Standard CMMI Appraisal Method for Process Improvement

2014-12-10

European Software Institute consulting (ESI)

Agile IT Project Management with Scrum, Scrumban, and Lean Software

2015-02-07

Vitae Consultores

Leadership and Management of High- Performance Teams

2015-10-27

Universidad Europea de Madrid (a través de MiriadaX)

Leadership in Times of Change

2015-11-08

Universitas Telefónica (a través de MiriadaX)

Effective Presentations 5th Edition

2015-11-09

Universidad de Cantabria (a través de MiriadaX)

Containers. Introduction to Docker

2016-02-15

Centro de Novas Tecnoloxías de Galicia (CNTG)

Development of Personal Skills in Project Management, Change Management

2016-02-27

Vitae Consultores

Web Scale Applications

2016-03-13

Centro de Novas Tecnoloxías de Galicia (CNTG)

Agility and Lean. Managing 21st Century Projects and Businesses

2016-04-12

Universidad Rey Juan Carlos (a través de MiriadaX)

Big Data, the Added Value of Data in Your Business

2016-05-12

Universidad Católica de Murcia (a través de MiriadaX)

Introduction to Data Processing with R and RStudio

2016-10-31

Universitat de les Illes Balears (a través de MiriadaX)

Application Deployment with Docker

2017-04-28

Centro de Novas Tecnoloxías de Galicia (CNTG)

Big Data for a Smart City

2017-05-08

Universidad Politécnica de Madrid (a través de MiriadaX)

Introduction to Machine Learning

2017-10-17

Universitas Telefónica (a través de MiriadaX)

Big Data. Introduction to Spark

2017-11-24

Centro de Supercomputación de Galicia (CESGA)

Business Opportunities for the Internet of Things

2018-02-24

Univ. Tec. de Chile - INACAP (a través de MiriadaX)

Design Thinking for Everyone

2018-03-08

Universidad Politécnica de Madrid (a través de MiriadaX)

Management, Leadership and Business Development

2018-04-03

MRC International training

BcU Certified Blockchain Ethereum Professional

2019-04-10

Brightest

Microservices DevOps with Red Hat OpenShift

2019-06-13

Centro de Novas Tecnoloxías de Galicia (CNTG)

Scrum Manager

2019-09-05

European Business Factory

The Art of Selection

2020-04-24

Altia

Data Security and Protection

2020-05-19

Altia

Agile Project Portfolio Management

2022-11-17

Centro de Novas Tecnoloxías de Galicia (CNTG)

Kubernetes. Automation, Scaling and Application Management in 2020-11-30 Containers

2020-11-30

Altia

ITIL 4 Strategist. Direct, Plan and Improve

2021-04-26

Altia

Big Data and Digital Transformation

2022-07-26

Formadores IT

Introduction to Artificial Intelligence

2022-09-02

Formadores IT

Artificial Intelligence Applied to Business

2022-11-17

ATU

Python for Data Science and Machine Learning Bootcamp

2022-12-08

UDEMY

Applied Machine Learning using Python

2022-12-02

CEINPRO

Google Project Management Professional Certificate

2023-11-24

Google

Stratio Augmented Data Fabric Basics Certification

2023-11-07

Stratio

Data Analysis and Visualization with Excel and PowerBI

2024-03-27

C.D. Competencias Digitales de CLM

Advanced Program in Agile Project Management.

2024-05-27

Consellería de emprego, comercio e emigración

<https://conselleriaemprego.xunta.gal/>

Leaders of the Future

2025-09-04

ThePowerMBA

<https://www.thepowermba.com/>

Neo4j Certified Professional

2025-09-07

GraphAcademy

<https://graphacademy.neo4j.com/>

Interests

Travel

Backpacking, Nature exploration, Photography

LLMs

AI Agentic Coding, OSS Models, Agentic Architectures, GraphRAG

Domotics. Home Automation

Openhab, ESP32, Z-Wave, SBCs, Raspberry Pi, Shinobi CCTV, Mqttwarn, AlarmServer

Homelabs

Kubernetes, Helm, Self-hosted OSS, Proxmox, Calibre-web, Navidrome

laC. CI/CD. Automation

Docker, Ansible, Terraform, Jenkins, Sonarqube, Airflow, ArgoCD