



Diego Bernárdez

Head of Connectivity Department at CTAG

Date of birth:	2nd of June, 1986
Address:	Julián Valverde 72, Baiona, Pontevedra
Contact Phone:	+34 626 888 390
E-mail:	diego.bernardez@ctag.com

EXECUTIVE PROFILE

I am a Senior Software Engineer with a passion for technology focused on project management, analysis and design of software solutions, project tracking, technology consultant and customer relations for product definition and marketing functions.

My background has been created by working with recognized companies of the automotive sector and IT industry (OEMs, Tiers 1, European Commission) with very demanding constraints and high product expectations, succeeding in results and achieving a strong leadership personality and becoming a very proactive professional with high social skills and company-oriented profile.

SKILLS HIGHLIGHTS

- Customer relations (understanding of customer requirements and expectations, marketing and product).
- Leadership and communication skills.
- Project management and tracking.
- Budgeting and return of investment.
- Roadmaps and strategic planning.
- Technology and Software expert.
- Self-motivated, start-up and entrepreneurship experience.

EXPERIENCE

• HEAD OF CONNECTIVITY DEPARTMENT | FROM 10/2016 CTAG - Centro Tecnológico de Automoción de Galicia (www.ctag.com)

Head of Connectivity Department executing Management and Technical tasks related to all the connectivity aspects in the field of ITS, Smart Mobility, MaaS and new communication technologies like ITS-G5, PC5, 5G. Creation of a Cloud Computing area to handle project and customer needs in this topic (Big Data, IoT, C-ITS). Creation of a Cybersecurity strategy to support project and customer needs. Development of a portfolio of products to be designed and developed within the department and promoted among customers with marketing campaigns.

- Participation in European, National and Research projects.
- Collaboration with different customers related with automotive OEMs, Tier1 and IT companies.
- Definition of technical connectivity strategy (communication unit, 5G, LTE-V2X, ITS-G5, etc.).
- Definition of Cloud Architecture, Online services, Framework and implementation strategy.
- Participation in European platforms and standardization activities related to connectivity technologies and standards.

• SENIOR CONSULTANT | 08/2015 - 10/2016 European Commission - DG COMP

During 1 year and 2 months, I worked for the DG COMP team of the European Commission in Brussels, executing management and architectural tasks in relation with the different applications and systems used by the different European State Members.

- Traduction of business requirements into technical requirements.
- Definition of technical architecture and technical strategy.
- Definition of frameworks and development tools (J2EE, Grails, Hibernate, Spring, MVC).
- Definition of data models based on Oracle Databases.
- Management of the development under agile methodology (SCRUM), defining tasks, sprints, retrospectives, etc...
- Use of Jira

- **RESPONSIBLE OF ADAS & AD AREA | 03/2010 - 08/2015**
CTAG - Centro Tecnológico de Automoción de Galicia (www.ctag.com)

During this period I managed the ADAS & Autonomous Driving area of CTAG, creating the Autonomous Driving strategy and managing different teams in order to develop the internal research lines, and develop international customer projects.

- Development of the complete ADAS & AD technical strategy.
- Definition of teams, working areas, internal research lines.
- Management of European and internal projects.
- Management of a team of 17 employees.
- Attendance to multiple events around Europe and Japan, collaborating in standardization platforms.
- Collaboration with OEMs, Tier1 and IT customers.
- Direct contact with customers.
- Use of different technologies and tools: Python, Java, Qt, Android, .Net Platform, ADTF, C++, Matlab, RedMine, DOORS, etc.

- **MEMBER OF THE INFOTAINMENT & SOFTWARE TEAM | 02/2008 - 03/2010**
CTAG - Centro Tecnológico de Automoción de Galicia (www.ctag.com)

I started my professional career in the Infotainment & Software team of CTAG, firstly working as a software engineer for the different projects and solutions of the team, and then I started to work in the analysis and design of the technical architecture of the solutions.

Main projects where related with automotive solutions for the vehicle interior, external devices, server development, a complete Parking Solution system, etc.

- Use of different technologies and tools: Java, .Net, Python, HTML, CSS, JavaScript, Ruby On Rails.
- Design and Analysis of technical architectures.
- Implementation of the solutions.
- Design of data models for MySQL

EDUCATION

- **FREE SOFTWARE MASTER DEGREE | 2011 - 2012**
University of Carlos I, Madrid

Master degree related to the use of open source projects, communities, tools, management strategies, etc.

- Very technical Master degree, with the execution of works in Linux for Desktop, Mobile and Web developments.
- Study of agile methodologies for software management.

- **MASTER DEGREE IN COMPUTER SCIENCE | 2008 - 2011**
University of Vigo

I studied a Master Degree in Computer Science simultaneously to my work on CTAG. I acquired an honor in my final project.

- **FIRST CERTIFICATE OF ENGLISH | 2007**
University of Cambridge

For three months I lived in London in order to prepare the Certificate of English and improve my English Skills.

- **BACHELOR DEGREE IN COMPUTER SCIENCE | 2004 - 2007**
University of Vigo

I studied the Bachelor Degree in Computer Science, where I have been qualified with one of the best academic records, acquiring honors in different subjects including my final project.

OTHER INFORMATION

- I have a driver's license and my own car.
- I consider myself as a very proactive and dynamic person who likes to be distinguished by his good work.
- Music and sports are my hobbies, I play the piano, the bagpipe and play football for a local team.
- I like to follow technology innovations and when possible I acquire new gadgets and technology devices.
- I would like to have a personal interview where we can exchange more information about the job and my personal background.