

Luis Garcia-Araguas

Electrical Area Manager

Philadelphia, PA - Email me on Indeed: indeed.com/r/Luis-Garcia-Araguas/c2b9220a8d499298

WORK EXPERIENCE

Electrical Area Manager, Services Engineering

Gamesa Wind USA - Trevose, PA - February 2010 to Present

- Manage the Services Engineering Electrical and PLC Software Engineers. Responsible for all electrical and software design modifications in North America. Review the technical and quality aspects of the team's documentation to ensure: safe and comprehensive work instructions, sound RCA and technical reports.
- Set team action plans and priorities; control progress, deliverables and closure.
- Lead team on critical problems and provide direction to deliver solutions.
- Liaison with our counterparts in Technology North America (R&D) and in our corporate headquarters.
- Conduct training for engineers and subcontractors. Mentor and assist team members with their professional development. Recruit new team members.
- Frequently represent the engineering team during manager's absence.

Electrical Engineer, Technical Office North America

Gamesa Wind USA - Trevose, PA - May 2009 to February 2010

- Lead and carried out root cause analysis in order to identify and implement effective containment actions and permanent solutions. Created design modifications, work instructions, safety instructions, validation tests requirements, field verification plans, technical studies and technical incident investigations.
- Managed the Technical Performance Team. Built and lead this team to improve wind farm reliability, availability and our client's satisfaction. Liaison between clients, site manager and technicians in the field.
- Developed tool for wind turbine alarms analysis and reviewed technical office processes contributing to its continued improvement.
- Developed expertise of wind turbine systems and provided technical support to wind farm site managers, Operations and Maintenance teams and Customer Services.

Functional Authority (International Train Maintenance)

Eurostar International Ltd - London - October 2007 to September 2008

- Managed the International Rolling's Stock (IRS) Centre of Excellence (COX). Accountable and responsible for all the engineers Information Systems (IS). Performed as the IS authority, functional architect for whole Engineering department. Set targets and agreed priorities, strategy and budgets with IRS director. Budgeted for over £150k (±\$300k).
- "Engineering IS Portfolio" Manager and Project Manager. Covering a diverse portfolio from heavy engineering processes to ERP systems. Achieved high amount of deliverables with constrained resources. Lead long term IS projects into production.
- Liaison between IRS (Engineering in UK, France and Belgium) and IS departments. Managed the communication from director level resulting in consolidation of the communication processes, accuracy of specification requirements and overall improvement of the IS profile on the business.
- Supported the Information Technology (IT) section for accomplishing Eurostar's major migration of the principal engineering depot, main hub station and the headquarters while securing engineer's interests.

Technical Performance Engineer

Eurostar International Ltd - London - November 2004 to October 2007

- Managed projects and developed and introduced tools for improving maintenance preventive and corrective.
- Monitored performance of our fleet of trains and liaised with partner railways to improve train reliability.
- Lead and carried out technical incidents investigations to accomplish safe and reliable service.
- Reviewed technical performance procedures achieving improvements with impact at the team audits.
- Deputized for the Technical Performance Manager. Supervised and coached a 'Team Engineer'. Supervised and trained 'Graduate Engineers'. Provided technical assistance to the engineering teams on the shop floor.

Graduate Engineer

Eurostar International Ltd - London - October 2002 to November 2004

- Completed the "Monitored Professional Development Scheme" aimed at technical expertise and management maturity towards obtaining Chartered Engineer (CEng) qualification. Rotational placements in key engineering roles included: Technical Services, Technical Office, Strategic Projects Team, SNCF Depot (National French Railways), Training & Development Team, Quality & Safety Team.
- Delivered a large portfolio, from which I achieved high level of competence in leadership, supervision, problem solving, interpersonal and communication skills.

"Bar Coded Student Management System" - August 2001 to August 2001

Designed with Visual Basic, SQL, ASP,

HTML and Access. Completed the product lifecycle from Planning to Implementation and full project lifecycle from

Initiate to Close. Client benefited from drastic timesaving new process.

- Assisted in the development of projects carried out in the Center, which included laboratory work, testing automatic identification technology, developing new software and upgrading existing applications.

Engineering Assistant

Center for Automatic Identification, Ohio University - Athens, OH - October 2000 to August 2001

- Managed and developed the "Bar Coded Student Management System". Designed with Visual Basic, SQL, ASP, HTML and Access. Completed the product lifecycle from Planning to Implementation and full project lifecycle from Initiate to Close. Client benefited from drastic time saving new process.
- Assisted in the development of projects carried out in the Center, which included laboratory work, testing automatic identification technology, developing new software and upgrading existing applications.

Machinery Designer, Technical Office

Melton SL - Pamplona, Navarra - November 1997 to June 1998

- Designed the PFPLAFORM (processing machine for producing corrugated board packing) with AutoCAD. Author of the User and Maintenance Guide.
- Assisted in the planning and analysis phases; executed the design and implementation phases of the product's lifecycle. Resulted in tripled productivity, reduced operational costs and increased safety.

EDUCATION

Master's Degree in Engineering - Major in Electrical, Industrial Automation and Electronics in Engineering

UPNA (Spain) and Ohio University - Pamplona, Navarra

1998 to 2001

Bachelor's Degree in Engineering - Major in Mechanical Engineering in Mechanical Engineering

UPNA - Pamplona, Navarra

1994 to 1998

ADDITIONAL INFORMATION

IT SKILLS

Programming Languages: Visual Basic, VBA, C/C++, SQL (relational databases), HTML, Matlab, BASIC, PLC/Ladder Logic.

Software: AutoCAD, Matlab-Simulink, SPSS, Business Objects and Microsoft Office (Project, Access, Visio, Excel).