

# JOHN C. FITZPATRICK

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## ADVANCED ANALYTICS LEADER

Highly efficient, innovative, proficient, and ROI-focused technology leader with 15 years management experience producing creative solutions with innovative vision, a superb ability to lead, and a proactive ability to analyze data. Expert at process optimization, business performance, advanced statistics, continuous improvement, and data visualization. Self-starter with a proven track record of coaching cross-functional team members to solve problems, develop strong analytical skills, and utilize business analysis reporting to provide insight to a wide variety of issues.

## CORE COMPETENCIES

- BI & Reporting: Power BI, Pentaho CE, OLAP Cubes, ETL, Modeling, SSIS, SSAS, SSRS, T-SQL, SAP BO...
- Business Systems: SAP, Oracle E-Business Suite, Agile PLM, Oracle User Productivity Kit, Salesforce...
- Cloud Services / Big Data: MS Azure, AWS, Google Cloud, Visual Studio Online, GitHub...
- Databases: SAP, Oracle, MS SQL Server, MySQL, MongoDB, Redis, Hadoop, Salesforce, Data Warehouse...
- Applications: Microsoft Office Suite (Word, Excel, PowerPoint, OneNote...), SharePoint, Google Docs...
- Web Applications: MEAN, Polymer, WordPress, CSS3, HTML5, Node, Apache, Material Design...

## PROFESSIONAL EXPERIENCE

**ABB (formerly POWER-ONE), Phoenix, AZ**

**2011 – 2016**

**Business Process Improvement Manager, Solar Product Group, North America**, March 2015 – October 2016

- Created, received global approval for, and led a pilot project utilizing Microsoft Power BI as a self-service decision making system. Successfully merged 8 departmental functions into a single automated dashboard.
- Automated the integration of Salesforce, Oracle, SAP, and other enterprise data sources for near-real-time reporting, including alerts, and predictive / prescriptive analytics for business leaders.
- Proactively developed material and trained 50+ co-workers on Power BI, PowerQuery, and PowerPivot.
- Provided analytical support to 10+ developers who designed and built real-time apps which monitor production, workforce allocation, supplier compliance, inventory, financial services, sales, legal, service, and quality.
- SharePoint administrator and technical developer for 23 corporate SharePoint sites.

**Customer Quality Engineer Manager / Global Renewable Energy Data Analyst**, 2012 – March 2015

- Created a warranty accrual model using information from all pertinent data sources to accurately predict 10+ years of field failures for over 2 million shipped products based upon historical failure rates. The model was a major contributor to the Power-One acquisition by ABB (\$1B) with ≈1% variance from actual field failure rates. The accrual model also passed 3 external audits from Deloitte and Ernst & Young with high praises.
- Direct company interface for all customer quality issues. Led weekly meetings with senior quality leadership at 4 top-tier customers. Wrote and submitted over 100 customer Root Cause / Corrective Action reports.
- Global Project Lead for the Early Warning System (EWS), a BI tool using over 60TB of mixed data to identify key issues in real time to resolve issues and provide automated customer, product, and regional analysis.
- Created stored procedures to automate the ETL, data quality, and performance tuning from multiple sources (Oracle, Salesforce, MySQL, factory test equipment...), which automatically populated quality reports (failure trends and pareto analysis) and distributed reporting via email and web-based dashboards to global teams.

**Quality Information Systems Manager / Quality Engineer**, 2011 – 2012

- Used TSQL coding and relational database design tools to create data warehouses using 3 MySQL instances.
- Used Pentaho Data-Integration for automated ETL jobs, data quality analysis, and to export multiple reports providing near-real-time access to metrics which previously required 80+ man hours per month to compile.
- Designed and developed 5 global dashboards for quality monitoring and gap analysis. Empowered multiple departments to identify problem areas, create viable solutions, and monitor reliability.
- Quality project manager for global projects in the development and implementation of the Agile PLM Product Quality Module as the company's global Quality Management System and Best Practices tool. (\$600k+ budget)

- Responsible for Global Quality department SharePoint Administration. Created themes, workflows, lists, pages, and processes. Managed all permissions, and created training materials for the global team of more than 60 TB.

**NAVAL FORCES KOREA, Seoul, South Korea** **2007 – 2010****Operational Training & Readiness Officer**, concurrently with Fleet Activities Chinhae duties (see below)

- Served on the global board of Regional Training Directors, formulating Navy training and readiness policy and strategy for all U.S. Navy sailors stationed in Korea. Personally prepared training curriculums for over 600 U.S. Navy active duty sailors and 14,000+ reserve support personnel serving in Korea.
- Wrote the long-range (10+ years) Regional Training Instruction in accordance with the new training requirements published by Navy Installations Command.

**FLEET ACTIVITIES CHINHAЕ, South Korea** **2007 – 2010****Administration Officer**, 2008 – 2010

- Tracked over 400 personnel records, ensuring timely evaluation and recognition of achievements.
- Maintained all regulations, documentation, correspondence, and the command budget of more than \$7 million.
- Planned over 100 Distinguished Visitor itineraries for travel to the Chinhae area, including the Secretary of Defense, Secretary of the Navy, Chief of Naval Operations, and Commanders, U.S. Forces Korea and 7th Fleet.
- Served as interim Base Commander on numerous occasions when the Commanding Officer was not available.
- Initiated a monthly meeting with U.S. and Korean Naval officers for integrated planning opportunities.
- Developed and participated in 8 one-week-long English immersion classes for Korean sailors. Earned an award from the Chief of Naval Operations, Republic of Korea, for the Command's role.
- Extra duties: Installation Webmaster, Public Affairs Officer, Training Officer, Protocol Officer, Senior Watch Officer, and served for 2 months as acting Executive Officer.

**Operations Officer**, 2007 – 2009

- Planned operational exercises and responses to various wartime scenarios, and led the Command response in 6 Tier I Joint / Combined Exercises, ensuring effective mission capability for the U.S. Navy in South Korea.
- Requested funding (\$8M+), helped design, and oversaw set-up of a new Regional Maritime Operations Center.

**SHIP REPAIR FACILITY, Yokosuka, Japan** **2006 – 2007****Public Affairs Officer**

- United a multi-national team and developed an 88-item checklist based upon 14 regulations that the U.S. Government, Department of Defense, and U.S. Navy issued regarding publicly accessible websites.
- Re-coded the Command website to ensure 100% compliance with all applicable regulations.

**USS CURTIS WILBUR (DDG-54), Yokosuka, Japan** **2005 – 2006****First Lieutenant**

- Supervised and motivated 46 sailors in their performance of seamanship functions and evolutions in a dynamic environment. Prepared work schedules and directed several operations, including: mooring, docking, anchoring, fueling, towing, and transferring of personnel and cargo at sea.

**U.S. NAVAL ACADEMY, Annapolis, MD** **2000 – 2005****Webmaster Assistant and Information Technology Support**, 2004 – 2005

- Led the merger of over 280 web servers into a single combined system to bring the U.S. Naval Academy web presence into alignment with Department of Defense information security and visual design policies.
- Developed and managed a database system using MySQL to track attendance at all summer training activities.

**EDUCATION**

Data Warehousing for Business Intelligence Specialization, University of Colorado, Coursera, 2016

Lean Six Sigma Green Belt, Purdue University, 2013

B.S. in General Engineering, U.S. Naval Academy, 2004

Nuclear Certified Machinist Mate, Naval Nuclear Power Program, 1999