General Information

Name:	**Ralph Stillinger, PMP**
Nationality:	US Citizen, Veteran (USAF), Inactive Secret Clearance
Place of residence:	Plano (north Dallas) Texas
Areas of interest:	Optimist / Motivator: Enjoy spreading my "can do attitude" to the team. Inventor / Entrepreneur: Product design and creation. Analytical and detail-oriented IT professional with 20 years of experience in architecture, design and development of large scale, high-volume transactional-based applications to include product microprocessor design and development with extensive client-facing roles.
Languages:	1st English, 2nd German (90% fluent), Well travelled to Europe and Asia.
Skills Summary:	• Innovative Solutions to complex business processes for large corporations such as Philips, American Airlines, London Underground, Lockheed, General Dynamics, Taiwan Rapid Transit Corporation, Government Agencies to include Dallas Central Appraisal District.
	• Project Management experience: Complete project life cycle execution from Initiating, Planning, Executing, Monitoring and Controlling to successful Closings. Projects include maintenance and production support with extensive client facing roles.
Patents:	#7,345,507, Awarded March 2008 for the invention of a revolutionary design of a brake controller that significantly advances the state of the art from mechanical controllers to the more precision controllers based on computers on a chip. Device was installed in more than 3,000 vehicles.
Employable as:	Engineering Manager, IT Manager, Senior Project Manager

Education & Employment Summary

Education:	Studied computer science, strong software background with a minor in electronic engineering.
	B.S., Computer Science, University of Maryland, 1986
	A.S., Electronic Engineering, Community College of the Air Force, 1985
	A.A., General Studies, St. Petersburg Junior College, 1980

PMP Certification

PMP	PMI Dallas Chapter Member # 3082224, Certification October 17, 2014

Work Experience Summaries

Employment Summary:	Philips Entertainment, **Project Manager**, Jan 2011 - Present
	Aclara Cellular, **Engineering Manager**, Aug 2009 – Dec 2010
	Beyond Appraisal Inc., **Consultant,** May 2008 – Aug 2009
	Hensley Mfg. Inc., **Electronics Product Manager,** Aug 2005 – May 2008
	Beyond Appraisal Inc., **Contractor,** Jun 2004 – Aug 2005
	Master Brake Systems, **Consultant**, Mar 2002 – Mar 2004
	Pacific Technology Services, **Sys Architect**, Nov 1999 – Mar 2002
	Sabre Inc, **Principal**, (Technical Lead), Feb 1993 – Nov 1999
	Sabre Inc, **Software Consultant**, Jun 1989 – Jan 1993

Work Experience

Duration:	January 2011 to Present – Full Time
Company:	Philips Entertainment, Inc, Project Manager, www.strandlighting.com, www.vari-lite.com
Projects:	**NEO Console Base Lighting Desk: Sep 2013 – June 2014**

From Initiating to closing I worked all processes of the project in great detail. This project required initiating and formal stakeholder acceptance. I coordinated all development areas to include mechanical, electrical and software components. Activities were defined with estimates during the Planning process to include a risk management plan with risk responses. The schedule was controlled using deliverable milestones and weekly meetings. Lessons Learned was documented and the final Philips NEO Lighting Control Desk was delivered. We were three weeks late to Commercial Release on volume due to procurement issues and lead times regarding tooling. Amazing project to be completed in 9 months which had great emphasis on planning and milestone verified deliverables.

NEO Product Reviews

https://www.youtube.com/watch?v=98_A8m7vKRo

https://www.youtube.com/watch?v=OsRDxMaYwYY

Vision Net LCD Panel (Light Switch): Aug 2012 – June 2013

From Initiation to Closing my role was to lead a team of engineers in hardware, electrical, software and mechanical design to support a LCD touch panel configurable light switch. My risks were managed by milestones throughout the schedule to include validated proof of concept designs. My duties included vendor selection, project team monitoring, brainstorming sessions and status meetings. The final deliverable is a LCD capacitive touch based wall switch that mounts in a standard wall socket and communicates using Philips "Vision Net" protocol.

iPad Lighting Console App: Jan 2011 – July 2012

From Initiation through Closing I led the project development team work to create an iPad App used to control stage lighting. This project required more project planning and requirements gathering due to the "open" high level requirements in the Initiating phase. The Stakeholders were engaged and the scope was well defined prior to executing the project. Monthly meetings were held on the progress to include stakeholders and scope validation. Overtime was required during the last month of the project so we documented lessons learned.

Tools: MS Office, SharePoint, Wiki Trac, SVN

Environment: Windows 7 & 8, Mac OS X, Linux, iOS

Duration:	August 2009 to December 2010 – Full Time
Company:	Aclara Cellular (Formerly Metrum), Engineering Manager,
Projects:	ZigBee Compliant Home Energy Monitor, Cell based Communication to Electric Meters

- Managed a team of 5 to 7 seasoned engineers, network consultants in the Research and Development department at Lake Dallas, Texas. Responsible for the project management and project deadlines required on our engineering projects. Managed more than 5 projects simultaneously with resource and timeline allocation. Created Power Point presentations for the sales force.

- Hands on: Developed electronic circuitry and accompanying embedded C software source code for our Home Energy Monitor that wirelessly utilized the ZigBee Pro stack and the Smart Energy Profile clusters to connect to the Electric Meter and display real time electric usage and pricing information to the end user. I also authored the design requirements technical specification for the Home Energy Monitor to include features and functions.

- GUI Designer – I designed "Easy" Home Energy screens. No user manual is required its very user friendly. Similar to the icons on Smart Phones.

- Trained Engineers: Developed a embedded C polling mechanism that takes Electric Meter usage data and populates a SQL Server database for managing user usage information. I trained our programmers on writing C# methods for selecting, updating and inserting to our Microsoft SQL Server 2008 database using my SQL background.

- Project Lead: Worked with software engineers to produce a embedded C Over the Air (OTA) bootstrap flash loader that utilized a data only cell modem interface on TCP/IP sockets to update firmware. I also led the engineers to develop Static IP end points which provided a Web Server Portal to the device in question (Electric Meter).

- Project Lead: Integrated a Windows CE 6.3, and Linux OS development environment on an Atmel ARM9 platform. I attended CE training and helped modify a BSP (Board Support Package) provided by Atmel and Adeneo. Started writing Android code in a Java Eclipse development environment during my last project at Aclara.

Duration:	May 2008 to Aug 2009 – Full Time
Company:	Beyond Appraisal Inc., Senior Consultant
Project:	**Commercial and Property Tax Application for the Government Central Appraisal Districts**

- Project Manager – Handled a single release for multiple clients with client specific implementations. Responsible for the Visual Basic and SQL Server code to support a real-estate Minerals tracking program. This program parsed preformatted files and inserted the data into a SQL Server 2008 database.

- Client facing – I hosted many client software design meetings, wrote technical requirements specifications and user guides to support the designed products requirements specification. I created client cost proposals for work, with exact project dollars, and answered Requests for Proposals (RFP).

- VB Developer - Developed many enhancements to the State of Texas purchased Tax and Appraisal System utilizing Visual Basics OCX's on Windows Platform. Developed VB called SQL Server stored procedures and database queries. Created Microsoft Excel reports and Crystal Reports from Visual Basic using created custom templates for speed.

- Quality Assurance – Supported large volume data transfers, importing and exporting requirements for the Texas Appraisal Districts that exceeded $700 million in property and mineral rights taxes to the Jurisdictions.

Duration:	August 2005 to May 2008 – Full Time
Company:	Hensley Mfg. Inc., Electronics Manager, Product Development, Web Presence
Project:	**Electronics Manager, Complete Embedded Systems Design, Web Development.**

- Electronics Project Manager – responsible for device and supplier selection, second sourcing and end of life management. Hired consultants to support project development timelines and completion.
- Product Designer - designed multiple electronic products, an example product is an after market Trailer Brake controller utilizing digital I/O, current sensors, accelerometer inputs and Pulse Width Modulation (PWM output). Authored a microprocessor based executive to control the transfer of 48 Amps of power (competition is only 18 Amps). **US Patent Awarded #7,347,507** B1, March 25, 2008.

Duration:	June 2004 to August 2005 – Full Time
Company:	Beyond Appraisal Inc., Contractor, Senior Consultant, Hands on Project Manager
Project:	**Contractor, Project Management, Visual Basic Programming, GUI Design, Schema Design.**

- Project Manager – authored a Collection System project from scratch to completion. This included requirements definition, documentation, prototyping, and implementation. This Tax Collection System is still in use today at the Odessa Central Appraisal District. The project was delivered in final after 18 months with 3 incremental deliveries for testing during this time.

Duration:	March 2002 to March 2004 – Full Time
Company:	Master Brake Systems, Inc., Transportation
Project:	**Embedded Systems Design Product Manager.**

- Project Manager – responsible for the embedded development timelines and product delivery schedules to include manufacturing constraints.

Duration:	November 1999 to March 2002 – Full Time
Company:	Pacific Technology Services, Inc., Telecommunications
Project:	**System Architect, Project Manager for a Telecommunications Usage Tracking Web Portal.**

- Manager – responsible for 8 developers to include hiring/termination and interview screening.
- Project Manager – managed three projects with overlapping resources and used MS Project in weekly status meetings.
- Web Developer - designed a Web Portal and Telecommunications Usage Tracking application using SilverStream, WebLogic Web Servers, Java Beans, server ODBC access to MS SQL Server 7.0, Oracle 8.1 and interfaces to IBM Mainframe CICS screens.
- Java Developer - developed Java source, servlets, applets, JSP and HTML pages via the WebLogic and SilverStream's development environments. Integrated BRIO reports to OLAP Services (Multidimensional Cubes) via the Web Portal. Integrated a single user login to multiple systems, created a content management system to feed Dynamic HTML servlet pages.

Duration:	February 1993 to October 1999 – Full Time
Company:	Sabre, Inc., Decision Support, Transportation
Project:	**Subway Crew Scheduling System for the London Underground (London England).**

- Project Manager - As Technical Team Lead managed the technical decisions and programmers for a project plan based delivery. Selected all software tools based on specific evaluation and selection criterion. Responsible for the training and mentoring developers.
- Technical Writer - wrote code reviews and enforced project development standards. Wrote GUI (Graphical User Interface) as well as C++ coding and Database Standards. Wrote the System Design Document using Object Oriented Design (Rose/OMT) and FrameMaker.