**Objective:**  
Meticulous, results-focused, and performance-driven professional, offering wide-ranging experience in the field of engineering within biotechnology, medical device, pharmaceutical, and water and sewage industries.  
  
Known for strong work ethic and unsurpassed commitment in attaining set-forth goals and objectives of the company toward corporate success. Equipped with adeptness in characterization, serialization, validation, and data analysis essential in ensuring quality of the product. Armed with adaptability, flexibility, and organizational skills in accomplishing set tasks and responsibilities within strict deadlines. Excellent in maintaining relationships with diverse levels of individuals through outstanding interpersonal and communication aptitudes. Technically proficient in utilizing Microsoft Office, SharePoint, Windows operating systems, and SAP.   
  
**Experience:**  
Eli Lilly, Indianapolis, IN, USA  
Senior Analyst Application Engineer 2016–Present  
Provide oversight to offshore resources while working with international team members and interdisciplinary teams on packaging sites across seven countries toward planning and execution of serialization packaging equipment and processes  
Verify software and machinery based on new Food and Drug Administration (FDA) requirements for packed products  
Take full charge of systems support knowledge base construction and qualification as program manager using Microsoft OneNote  
Function as data analyst for a specific customized automated tool to replace manual and paper processes to test Microsoft Access-based programs  
Administer restricted information through maintenance of secured library for specialized system archives in Visual Studios  
Keenly monitor ARM system for all new system access requests within the international team  
Demonstrate technical ability as SAP user for front-end for international requirements such as packaging and manufacturing, as well as remote desktop connection user for Windows Server 2012 R2 with systems located physically across seven countries  
Handle Microsoft SharePoint Server 2010 administration for all countries which involve migration of sensitive information for a project comprised of more than 10 years of information from an old to new server  
Work as Service Now Ticketing System administrator and user, in charge of incident, problems and RITM management, and metrics developer inside Snow  
Connect to packaging and testing environments through remote access using Citrix Receiver and EasyConnect Client for intranet  
  
Amgen, Juncos, Puerto Rico  
Process Development Engineer 2016  
Carried out categorization and validation of packaging machinery to new FDA requirements for packed biotechnology products as part of a larger serialization project  
Spearheaded comprehensive and accurate process development for IntelliCode and IntelliPack machines  
  
Validation Engineer 2013–2015  
Rendered keen attention to detail to maximum vial production over the course of vital startup initiative, while acting as subject matter expert (SME) for quality assurance (QA) sampling management to support characterization efforts  
Held responsibility for processes such as cleaning, clean-in-place (CIP), steam-in-place (SIP), and equipment and process characterization processes  
Boosted gross revenue of the project focused on testing automated equipment toward identification of optimal performance best practices  
  
CR Bard, Humacao, Puerto Rico  
Advanced Manufacturing Engineer 2015  
Made the best use of medical device line production through performance of both interquartile range (IQR) and OQPQP  
Meticulously implemented the inspection and manufacturing procedures on time  
Made use of change controls in the completion of auditable documentation  
  
Novartis, Humacao, Puerto Rico  
Validation Engineer 2013  
Efficiently led a risk management project within a manufacturing and packaging environment  
Functioned as an internal technical auditor, in charge of evaluating quality risks of the process and pioneering corrective action prevention action (CAPA) exercises prior commencement of validation activities, in compliance with all applicable regulatory agencies  
Formulated manufacturing process flow diagrams to check critical parameters and steps, while guaranteeing performance of watch with focus on excellence   
  
Merck, West Point, PA, USA  
Validation Engineer 2012–2013  
Strategically directed production for oral vaccine manufacturing facility  
Served as SME for thermal validation equipment and thermometric data analysis including advanced statistics and trending provided for process development and validations  
Acted as liaison throughout project management meetings and presented updates that involved schedule adjustments  
Drove efforts in relation with sampling management, along with swabbing techniques, biological indicators, and materials preparation, in relation with the quality control (QC) Laboratory  
Established cycles and validations on live virus manufacturing equipment such as incubators and part washers  
Executed isolation technologies with autoclaves, refrigerators, tanks, and culture media transfer lines  
  
Janssen, Gurabo, Puerto Rico  
Project Manager 2012  
Designed and deployed projects on demand, together with other special initiatives based on request  
Identified the need for quality database information source to employ system analysis designer techniques, while performing source approval for software life development cycle (SLDC) upon receiving final authorization  
Oversaw department activities through SharePoint for updates delivery and modifications in an organized, proactive, and focused department group  
Spearheaded a Special Manufacturing Meetings Conference Room project through Define, Measure, Analyze, Improve and Control (DMAIC) approach which enabled comprehensive levels of communication among departments  
Managed the development of innovative presentations for directors within the constraints of a global Division Group  
Maintained involvement in attending management meetings as liaison and project lead in providing status, schedule, analysis, and support updates  
Developed short-term manufacturing and packaging projects by offering overall support and mentorship to managers during the process  
Demonstrated expertise in work measurement and scheduling assessment on the viability and success of the fuel project  
  
AAA Water and Sewer Authority, Caguas, Puerto Rico  
Project Manager 2009–2011  
Reported to chief executive officer in administering $2M budget for investment of new development programs  
Brought significant contributions on service program sales functions and organizational meetings  
Applied cultural changes for 1,200 program employees through training focused on change management and challenges, including program execution in 27 cities; all project elements such as schedule, budget and resources; and tasks in corporate business advancement and human resources functions  
Rendered supervision, coaching, and training to corporate schedulers and coordinators, together with client maintenance supervisors and clerical personnel  
Collaborated closely with the reliability analysis manager, technicians, and software developers in designing, creating, and introducing an internet module for analysis, planning, and schedule that help the company on client needs  
Functioned as planner and scheduler, responsible for identifying custom needs and analyzing requirements toward effective structured and maintenance performance  
Worked as system design analyst, in charge of planning and scheduling modules based on internet platform  
Administered documentation, processes, metrics, training, presentations, and filing strategy for new “Emerge” program  
Succeeded in distinguishing actual processes through Six Sigma DMAIC strategies, which served as direct result of a newly established maintenance program   
  
**Education:**  
Master of Business Administration in Project Management, In Progress (Expected Graduation Date: Jul 2021)  
Purdue University, West Lafayette, IN, USA  
  
Bachelor of Science in Industrial and Management Engineer, Jul 2010  
University of Turabo, Gurabo, Puerto Rico   
  
**Skills:**  
Supply and Inventory Control | Process Improvement | Change Management | Troubleshooting  
Project Administration | Strategic Planning and Implementation | Operational Leadership   
  
**Additional Information:**  
Professional Development  
  
Certifications  
Project Management Professional (PMP), In Progress  
Project Management Institute–Agile Certified Practitioner (PMI-ACP), In Progress  
Industrial Validations  
Information Technology Infrastructure Library (ITIL)  
Training  
Agile and Scrum Methodologies