**SUMMARY**

##### Accomplished consultant/manager with broad technical experience, strong analytical skills, and a focus on client success. Successful track record managing business transformation, performing organizational assessments & due diligence, designing cross-functional processes and implementing technology for a diverse set of clients.

**EXPERIENCE**

##### COMPASSX – Boutique Consulting Firm Irvine, CA

***Project Management (Risk, Technology) – Life Sciences*** Nov 2019 – Dec 2020

* Global Service Desk Technology Implementation & Automation
  + Managed technology projects for the service desk supporting a rapidly growing global sales organization, with particular focus on the interplay between ServiceNow, SCCM/Intune, and related deployment technologies
  + Leveraged technology & engineering background to assess the organization and create a multi-year project roadmap
* Managed Design & Implementation of Global Vendor Request Management
  + Defined flexible, right-sized vendor onboard assessment process and managed tool selection / implementation
  + Defined reporting metrics to ensure responsiveness, data security, customer experience and effectiveness

##### DELOITTE CONSULTING McLean, VA

***Senior Consultant - Supply Chain, Manufacturing, & Product Development*** March 2018 – Nov 2019

* Organization Transformation / Value Capture
  + Managed current state assessments aimed at identifying inefficiencies & developing a business case for change
    - Technology, aerospace & defense, life science, consumer & private equity clients
  + Combined stakeholder feedback (via workshops & 1-on-1s) with experience & data to identify gaps & opportunities
    - Reviewed a end-to-end development, identifying inefficiencies in terms of non-value added (NVA) effort
    - Executed multi-site Engineering Churn & Value-Stream (VSM) analysis to quantitatively highlight weaknesses
      * A&D Client – Identified process issues (including a lack of process-driven x-functional input in the event of a validation fail) & systems requiring excess manual input (specifically config management & EBoM-MBoM)
      * Analysis showed that for every hour spent, 70% (>$80M annually) was NVA and didn’t improve final product
      * Finally, addressed these issues & showed that a “Future State” project would see NVA effort reduced $60M (75%)
      * Demonstrated a “Future State” achieving 75% NVA effort & $60M annual savings via process & system solutions
    - Created a business case & investment roadmap, guiding the client toward this “Future State”
  + These analyses were critical in securing $50M in sales & projected >7yrs of implementation work for Deloitte PLM
* Defined & Operationalized Product Development Process Governance for Private-Equity owned Tech client
  + Stood-up organizational and operational structure for global governance, supporting global Oracle PDCloud rollout
  + Created globally standardized SOPs to define proper usage and process/tool owners
  + Operationalized KPIs to kickstart governance – identified KPIs, assigned owners, calculated baselines & targets, defined data gathering methodology, set reporting cadence and standardized dash-boarding for executive review
    - One KPI, ECO Cycle Time, showed an 80% reduction (to 4 days) at the first 3 Go-Lives sites within 3 months
    - Extrapolated across the business, this reduction saves $9M/yr in engineering costs while improving TTM/revenue growth
    - This early value case was critical in justifying a >$100M client investment, including 2 years of follow-on Deloitte work
* Product Lifecycle Management
  + Successfully implemented Oracle PDCloud/Agile, Teamcenter, SAP Ariba, PTC Windchill & others for range
  + Managed system configuration, process design and requirement decomposition for global PLM roll-outs, including cross-functional system interactions with other platforms (ERP, CRM, regulatory, global collaboration, etc)
  + Managed 2-20 reports (including India & Europe personnel), meeting client expectations & schedule in each case
* Supplier Value Stream & Capacity Analysis for major technology firm seeking supply chain flexibility
  + Client acct’d for lead time variation as flat $2B/yr, but sought visibility to delivery liability @ supplier-specific level
  + Managed 4 week deep-dive at 6 suppliers, reviewing their processes, capacities, and their business relative to client’s
  + Identified the most critical subcomponents in terms of cost, lead time and supply chain impact to client if late
  + Created a strategic sourcing plan, with specific strategies for key client-unique and industry-common parts
    - Industry Common – pay supplier(s) ~2% to hold parts when excess exists, allowing client to ramp when needed
    - Client-Unique – negotiate and/or invest in suppliers to allocate additional production, or redesign w/ common
  + Analysis showed it was possible to reduce average lead time by 5% and peak variation 25%, without additional cost
* Enterprise Change Management
  + Created closed-loop change processes to enable efficient engineering change (ECO) on leading PLM platforms
    - Defense Client - Found that on average each ECO required 300 hours of effort and >100 days to complete, costing the business a minimum of $15M/yr, largely due to overly intensive offline approval process
    - Streamlined Teamcenter approval process, improved change attribution, and improved cross-functional tools reduced effort per ECO to 80 hours (saving $8M/yr) and ECO cycle time by 50%, part of a 20% TTM reduction
* Collaborative New Product Development (NPD) Process Design
  + Defined end-to-end, cross-functional project progression. Aligned new stage gates to business objectives, created clear project gate advancement criteria, and identified deliverables required (and owners) by project type
  + Consolidated & standardization enabled NPD governance and reduced deliverable count, improving project velocity
    - Technology Client (2) – Deliverable count reduced from 200 to 69 (65%), Time-to-Market by 50 days (20%)
  + Created streamlined Gate Approval schema to streamline approval and drive further time-to-market reduction
* Implementation of Class-Leading Design, Project Management and Project Portfolio Management tools
  + Part Classification - Defined global parts-classification for commodities, shared by engineering & procurement to drive part re-use, purchasing and inventory efficiency, and to reduce development & regulatory risk
    - Aerospace client - Reduced material spend globally by 8%, while reducing design effort & aftermarket costs
  + Created Project Stabilization standards to clearly govern project handoff from Product Development to Production

##### ROCKWELL COLLINS Anaheim, CA

***Test & Process Engineer, Certification and R&D Operations*** Jan 2011 – March 2018

* Developed and Implemented ‘Harmonized’ Certification Strategy, Dramatically Reducing Development Cost
  + Project certification typically run separately for a single product sold to multiple OEMs, resulting in redundant effort
  + Leveraged technical knowledge, regulatory experience, & managed risk to qualify chiller for 3 OEMs in one effort
  + Realized >40% (~$1-1.5M) savings in development & certification costs versus traditional approach
* Developed Business Case for Critical Next-Gen Products under strict Build-to-Cost Limits
  + Leveraged customer intimacy, market data & industry trends to identify value objectives, including noise reduction
  + To meet these objectives while achieving Build-to-Cost limits, unit COGS needed to be reduced by 15%
  + Split top-level labor over parts involved to identify BoM cost drivers, finding & capturing >25% COGS/unit savings
* Managed R&D Data Management & Change Tracking Modernization
  + Led cross-functional team in planning and implementing new R&D request system to replace handwritten process
  + Defined project goals, scope and milestones; systematically built consensus across organization over 2 years
  + New JIRA-based system eliminated data loss, improved asset utilization & data access, saving >15% of R&D budget
* Value Creation via Cost Take-Out, Complexity Reduction
  + Led teardowns which identified savings opportunities through complexity reduction & technology utilization
  + Streamlined certification using extensive regulatory experience (qualified as an FAA Authorized Representative)

##### PRATT & WHITNEY ROCKETDYNE (PWR) Canoga Park, CA

***Space Shuttle Main Engine (SSME)*** May 2007 - December 2010

**EDUCATION**

##### UCLA ANDERSON SCHOOL OF MANAGEMENT *| M.B.A. (3.6 GPA, Fully Employed)* Class of 2014

* 760 GMAT (October 2009) - 99th Percentile Composite. 45 Verbal (98%), 49 Quantitative (87%), 6.0 Writing
* Global Access Project (Master's Thesis) – Intensive team consulting engagement with Italian automotive supplier
  + 200+ hours primary research with customers, competitors, partners and experts in both U.S. and E.U.
  + Quantified U.S. market opportunity (size, growth, risks) and developed go-to-market strategy

##### UC BERKELEY, COLLEGE OF ENGINEERING | *B.S. Mechanical Engineering (3.1)* Class of 2007

**SKILLS, ACHIEVEMENTS AND TRAINING**

* Air Force ROTC
* Eagle Scout
* Private Pilot’s License
* S/W: Smartsheets, ServiceNow, Project, JIRA, CAD, SAP, JDE, Teamcenter, Oracle, PTC PLM, CFD, FEA
* PMP & ScrumMaster Certification Training in progress as of March 2021; Anticipated Completion 6/21