## **Nicholas Ng**

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#### **EXPERIENCE**

Apple Staff Program Manager

San Francisco CA September 2022 – May 2023

### **Core Data Management – Worldwide Sales**

- Managed global product roadmap, focusing on aligning sales strategies and product development, including comprehensive risk management strategies that resulted in a 15% increase in sales efficiency and accelerating product time-to-market by 20%.
- Streamlined request process, formalized requirements, and narrowed feature request scope to reduce backlog by 33% and improve delivery time by 25%.
- Facilitated recurring global forums to communicate new product features and policy decisions to the sales organization.
- Collaborated with product management to articulate strategy and requirements, ensuring that development teams were guided effectively throughout the entire lifecycle, from design to delivery and ongoing operation.

# King Games Technical Program Manager Candy Crush VIP and Loyalty Program

San Francisco CA September 2021 – August 2022

- Directed technical launch of rewards site, collaborating with Candy Crush, loyalty, UX/UI, and engineering teams to enhance player engagement and retention through a digital storefront, exclusive player content, and dashboarding features.
- Exceeded projections for the 3 quarter pilot: \$400K monthly bookings (+10%), 70K unique monthly visitors (+25% return rate), and 63K reward redemptions (+20% conversion).
- Created a comprehensive program dashboard that integrated multiple data sources with a visualization application to track participant KPIs. The resulting data helped inform marketing and product decisions, leading to a consistent monthly 10% increase in engagement metrics (including NPS, visits, and time on site).
- Led the technical and strategic implementation of large-scale, customer-focused programs, ensuring alignment with the broader product strategy and regular communication with senior management regarding project status and risks.

# Rally Health Lead Technical Program Manager Medicare Fitness product launch

San Francisco CA January 2019 – September 2021

- Launched the UHC Medicare fitness program, a top 10 initiative, generating \$215M in enrollment revenue in the first year. Defined projects and features, collected requirements, and crafted functional and test specifications to coordinate efforts to scope, schedule, and deploy new feature sets across the healthcare technology domain.
- Introduced a multiplatform fitness application, overseeing 15+ cross-functional teams. Delivery of features, services, and content led to utilization (+2%) and satisfaction (NPS +5%) over projections.
- Managed the digital ad campaign content delivery and channel distribution with marketing, analytics, and strategic partners (Fitbit and AARP). Efforts resulted in the acquisition of 750K members.
- Established a media portal to address COVID restrictions, providing members access to 12,000+ virtual and streaming classes from multiple providers, and re-establishing utilization from 0% to 20%.

### **Developer advocacy program**

- Saved \$1M annually by consolidating 100+ engineering activities into six cohesive DevOps programs, optimizing resource allocation, and streamlining development pipelines under a new engineering org structure.
- Deployed Stack Overflow for Teams and developed processes to build a scalable knowledge base for the 500+ engineering department.
- Transitioned five pilot teams to switch from a homegrown CI/CD pipeline to Helm charts and GitHub actions, which lowered cycle times from an average of 2 weeks to 1.5 days.

### PMO leadership team

- Headed a TPM practices committee that defined roles and responsibilities between product, engineering, and PMO teams, continuously optimizing collaboration and communication.
- Ensured alignment between SDLC, business processes, and Agile delivery by standardizing onboarding processes, centralized documentation, teaming opportunities, and feedback collection.
- Actively engaged in C-level strategic project discussions and escalation processes, ensuring project alignment with organizational goals and timely resolution of critical issues.

## Box Technical Program Manager Hardware engineering program launch

Redwood City CA April 2018 – December 2018

- Established Box's centralized hardware engineering program to consolidate and standardize the management of 30+ hardware configurations across 50+ services.
- Identified and realized a \$2M savings opportunity for Box, reconfiguring hardware to create a new storage solution that performed 2x faster at 25% less TCO.
- Tripled hardware evaluation capacity by shifting the testing (DVT, PVT), analysis, and reporting to manufacturing and implementation partners, leading to 25% quicker decision-making.

# Machine Zone Senior Technical Program Manager Application resilience testing

Palo Alto CA June 2016 – March 2018

- Headed CTO initiative for production resiliency testing of 15 services and 40 data stores for MZ games, serving up to 40K concurrent users and generating daily revenues of \$1.5M.
- Managed design and development for application and data testing, coordinated support resources, and facilitated companywide communications for failure injection testing.
- Developed and executed a roadmap for application and infrastructure enhancements, increasing availability from 97.0% to 99.0% and saving \$750K monthly.

#### Data analytics services launch

- Spearheaded and implemented an executive initiative to deploy a data analytics pod, boosting data collection and analytical capabilities while enhancing capacity, security, and efficiency in handling data feeds, pipeline services, data stores, and reporting toolsets.
- Designed, acquired, and deployed 160 cabinets of hardware and applications, utilizing Hadoop, Vertica, Druid, Kafka, Spark, Storm, Kylo, Elasticsearch, Kibana, and Tableau in the technology stack.
- Led the seamless migration of 120+ datasets, 200+ workloads, and 100+ pipeline jobs, resulting in a 30% reduction in data processing time and improved data accuracy.

#### **CERTIFICATIONS**

Project Management Institute - Project Management Professional PMP (1392223) (expired July 2020)

### **SKILLS**

- Program management
- Portfolio management
- Product management
- Stakeholder management
- Technical architecture
- Change management
- Agile/Scrum leadership
- Jira/Confluence
- CI/CD
- SDLC
- Data visualization
- Quality assurance
- Vendor management
- DevOps/SRE
- Cloud computing AWS
- Data science
- Hardware/datacenter
- Technical writing
- Master data management
- System design
- KPI tracking
- Roadmap management
- Budget management
- Risk management
- Developer tools
- API development

### **EDUCATION**