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Pronunciation: /kai-ull mare-ick sparts/ | Pronouns: he/him/they/them

Executive Summary

Brings a product mindset to platform engineering — conducting internal user research, running developer surveys with hundreds of respondents, and turning resilience into a competitive advantage. Led 27 engineers across Developer Experience, Observability, Incident Management, and Delivery; eliminated all overdue department vulnerabilities, led a deliberate AI coding assistant rollout through research, piloting, and training, drove millions of dollars in vendor savings, and optimized FinOps cost allocation across \$30M+ in annual cloud spend. Proven track record managing multi-million dollar operating budgets (\$5M+).

Expert at translating complex technical architectures into strategic business value for stakeholders and clients, driving socio-technical change and scaling capabilities across enterprise environments. Track record of delivering mission-critical scale—from optimizing streaming data pipelines powering Healthcare.gov enrollment for hundreds of millions of citizens, to reducing AWS Networking region build times from 6 weeks to 2 days, to scaling developer platforms at Shipt.

Core Skills

Leadership: Adaptive Leadership, Transformational Leadership, Executive Coaching, Talent Sponsorship, Socio-Technical Systems. **Management:** Budget Management (\$5M+), Program Management, Organizational Design, Change Management, Vendor Management, OKR Delivery, Incident Leadership. **SRE & Platform Practices:** Developer Experience (DX), Developer Productivity, Site Reliability Engineering (SRE), Chaos Engineering, Incident & On-Call Management, Service Level Objectives (SLOs), Post-Incident Reviews, FinOps. **Cloud & Infrastructure:** AWS (Gov-Cloud, Networking), Kubernetes, Terraform, Infrastructure as Code (IaC), Observability (OpenTelemetry, Prometheus, Datadog), Linux. **Languages & Architecture:** Python, Rust, Haskell, Distributed Systems Design, Hardware/Software Integration.

Professional Experience

Marek-Spartz Consulting

Principal Consultant | 2022 – Present

- Coaching engineering leaders on organizational design, technical strategy, and people development.
- Providing targeted interview coaching, executive presence development, and leadership scenario preparation, resulting in successful career advancements and placements.

Shipt (Target Subsidiary)

Director of Developer Experience | May 2024 – March 2026

- Scaled engineering leadership across Delivery, Observability, Incident Management, and related teams as manager of managers with 27 indirect reports.
- Led an enterprise AI coding assistant rollout, establishing efficacy measures and training across engineering.
- Optimized \$30+M in annual cloud spend through FinOps initiatives, increasing allocation coverage to over 90% while driving millions of dollars in vendor savings.

Director of Site Reliability Engineering | February 2023 – May 2024

- Built and led a team of 20 SRE experts serving as internal technical consultants to elevate production operations.
- Promoted a product mindset within SRE, driving continuous improvements in developer satisfaction.
- Implemented budget with showbacks, established ownership of 100% of production services, and co-presented at Target's ICCON conference.

Senior Resilience Engineering Manager | May 2022 – February 2023

- Reduced weekly on-call pages from 50 to below 10, and scaled SRE planning to 10 Infrastructure teams.
- Shifted Peak Readiness toward data-driven reporting, and increased chaos tests from 3 to 30 attacks per day.

Resilience Engineering Manager | October 2021 – May 2022

- Hosted a vendor outage game day with scores of participants and authored a guide on running company-wide initiatives for non-TPMs.
- Mentored 20+ engineers/managers, and rallied 3 adjacent teams for on-call noise reduction to minimize false positives.

Amazon

Systems Development Manager | January 2020 – October 2021

- Managed engagement and sustaining teams of 10 engineers, automating region build validation to accelerate launching new AWS regions and reduce the networking phase of the critical path from 6 weeks to 2 days.
- Guided career development, hiring, and mentorship for 30+ engineers and managers outside the direct reporting structure.

Systems Development Engineer II | January 2018 – January 2020

- Contributed to launching 7+ AWS regions (including GovCloud) and automated region builds for 30+ services.
- Standardized the SDE interviewing process across AWS, developing training used by a thousand engineers.

Earlier Experience

- **Site Reliability Engineer & Software Engineer** – Granicus (2014–2017) | *Pipeline SRE & stream data architectures*
- **Co-Founder** – Celador (2013–2018) | *Technical consulting & systems architecture*
- **Research & Teaching Assistant** – University of Minnesota (2011–2014) | *Speech informatics & data collection*
- **Suborbital Payload Team Lead** – NASA Minnesota Space Grant (2010–2011) | *Hardware/software payload integration*

Education

- **MBA, Concentration in Leadership and Change Management** – Hamline University (2019)
 - Concentration coursework included “Perspectives on Conflict”, “Negotiation”, and “Leading through Change”.
 - Awarded Top Paper in Strategic Finance; Member of winning team for capstone strategic consulting project.
- **BA in Linguistics, Minor in Computer Science** – University of Minnesota (2013)
 - Thesis: “A unified cortical-theoretic framework of interface” — Synthesized generative linguistics, hierarchical temporal memory, and repetition detection algorithms across cognitive interfaces.

Leadership Highlights & Affiliations

- **Board Member & Treasurer:** Saint Paul Neighborhood Network (SPNN) (2022–Present)
- **Community Leadership:** Facilitator, Resilience Coffee (2021–Present) | Trainer, Ally Skills & Disability Mentoring
- **Credentials & Honors:** AWS Certified Solutions Architect | Phi Beta Kappa | National Merit Scholar