

KSHITIZ DANGE

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PROFESSIONAL SUMMARY

Engineering & Product Leader with 10+ years of experience building high-performance infrastructure and scalable products for global organizations. Proven track record of leading teams of up to 15 members across Engineering, Product, Design, and QA to align cross-functional technical execution with long-term product strategy. Expert in launching High Performance Computing (HPC) and AI/ML platforms on GCP, reducing infrastructure costs through cloud scalability while driving millions in new revenue. Skilled at translating complex technical challenges into user-valuable features, managing the entire lifecycle from low-level systems (OS/Drivers) to high-level product roadmaps.

TECHNICAL SKILLS

- **Management:** Product Roadmap & Strategy, Agile/Scrum, Team Building, Mentorship, Stakeholder Management, Vendor Management, Project & Release Planning.
- **Cloud & Infrastructure:** Google Cloud Platform (GCP), AWS, Docker, HPC, Slurm, Batch, Vertex AI, CI/CD Pipelines.
- **Engineering:** Python, C/C++, Typescript, Go, Java, OS Development, Device Drivers, Peripherals, Embedded Systems (Zephyr RTOS, FreeRTOS).
- **Tools:** Jira, Confluence, Git, Perforce, Unix Servers, NVIDIA Omniverse.

PROFESSIONAL EXPERIENCE

GlaxoSmithKline (GSK) | Boston, MA | *Senior Product Manager, Compute Platform Products*

Nov 2024 - Present

- Direct the product roadmap for the Onyx R&D Data Platform, launching High Performance Computing (HPC) products supporting AI/ML, Computer Vision, Drug Discovery and Protein Design.
- Manage a team of 5 Product Managers, leveraging user research and interviews to drive feature development on GCP driven by the Product Development Life Cycle (PDLC).
- Optimized infrastructure costs by adopting cloud scalability and availability, focusing on cross-team collaboration and vendor management. Own 4 Products end to end.

Hyannis Port Research (HPR) | Boston, MA | *Engineering Manager*

June 2023 - Oct 2024

- Led 4 engineering teams in developing HPC applications for global capital markets, achieving trade volumes exceeding \$8 Billion per day during peak trading.
- Oversaw the full Software Development Life Cycle (SDLC), including risk assessment, code reviews, and test-driven development (TDD).
- Managed distributed teams across APAC time zones to deliver features to global clients in a matrix organization.

Shopify (6 River Systems) | Boston, MA | *Software Development Manager*

Feb 2022 - May 2023

- Managed 5 Software and Robotics Engineers focused on Operating Systems, Perception, and Movement stacks for autonomous robots.

- Spearheaded a software upgrade for over 3,000 robots in the field, resulting in \$4 million in security-based cost savings.
- Led development of a next-gen simulation environment using NVIDIA Omniverse and managed strategic vendor partnerships with NVIDIA and Balena.

BioSensics, LLC | Boston, MA | **Senior Engineer, Team Lead**

June 2019 - Feb 2022

- Led an embedded systems team to launch medical devices (FDA Class II exempt), reducing patient data collection time from 2 weeks to 5 minutes.
- Increased company revenue by \$350,000 through the delivery of a dual-device stroke recovery monitoring system as part of a \$1.5M grant.
- Reduced manufacturing costs by 3x and testing time by 10x for next-gen movement-tracking IoT devices.

Arista Networks | Nashua, NH | **Software Engineer | Release Management**

June 2017 - June 2019

- Enhanced Link Aggregation (LAG) and IPv6 support for MPLS traffic, contributing to \$1.3M in new customer revenue using C++ and Python.
- Automated critical release management tools (cron jobs) on Unix servers, reducing issue identification time from hours to minutes.

NVIDIA | Pune, India | **System Software Engineer**

July 2013 - July 2015

- Developed the Driver Settings module for Windows applications and optimized the build pipeline to accelerate development cycles by 3x. The feature currently powers Nvidia's GeForce Now and GeForce Experience and Nvidia App.

EDUCATION

- MS in Information Networking | Carnegie Mellon University, Pittsburgh, PA
- BS in Computer Engineering | University of Pune, Pune, India