

KSHITIZ DANGE

ENGINEERING LEADER

CONTACT

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LINKS

www.kdange.me
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SKILLS

Product Roadmap,
Strategy,
Team Building,
Mentorship, Coaching,
Product Delivery,
Product Launch,
Project Management,
Product Management

Agile, Scrum

Data Analysis, OS,
Peripherals, Device
Drivers

API, SDK, Docker,
GCP, AWS

Jira, Confluence

git, Perforce

Python, C/C++,
Typescript, Go, Java

LANGUAGES

English
Hindi

PROFILE

10+ years of experience building products and infrastructure for global organizations. Successful in launching groundbreaking products from conception to adoption in record time increasing total revenue by \$5.2M. Understand developer pain points and building tools to alleviate them. Skilled at breaking down complex technical problems into small, release-able, user valuable features. Over 4 years of experience leading cross functional teams (Design, Engineering, Product, Operations, QA, Supply Chain, Customer Success, DevOps, SRE) to align with product vision and product strategy. Skilled in recruiting, mentoring, coaching, and building teams of junior to staff/principal level engineers and product managers. Experienced with leading distributed/remote teams and local teams of up to 15 ICs and conducting performance reviews leading to multiple promotions. Helping with communication skills and organizational skills.

EMPLOYMENT HISTORY

Senior Product Manager

GlaxoSmithKline (GSK)

Nov 2024 - Present
Boston, MA

As a Sr. Product Manager, Compute Platform Products for GSK's Onyx R&D Data Platform I've worked on launching HPC products that enable various R&D teams and scientist to develop Computer Vision, Vaccines, Drug Discovery, AI/ML workloads on Google Cloud Platform. The focus is on cross teams collaboration and stakeholder management for developing products that are cost efficient on GCP, reducing the overall cloud costs by upwards of \$100M.

Engineering Manager

Hyannis Port Research (HPR)

June 2023 - Oct 2024
Boston, MA

Led 4 engineering teams focused on building high performance computing (HPC) applications for global capital markets. Managed customer expectations, and released features to clients based in APAC across different time zones, with distributed teams. Hiring and growing the team. Stakeholder management, People management, Project planning, Release planning, Software Development Life Cycle (SDLC), PO management, Collaboration in a Matrix org, Global Clients, Process improvement, Risk management and Risk assessment, Code review, Test Driven Development (TDD). Hit trade volume upwards of \$8B during peak trading.

Software Development Manager

Shopify

Feb 2022 - May 2023
Boston, MA

Led a team of 5 Software and Robotics Engineers in the Autonomy group within the 6 River Systems org of Shopify Logistics.

- Focused on managing teams on the Operating Systems, Perception and Movement stacks of robots, working on device drivers and peripherals.
- Led planning and execution on next gen platform for future robots developing a simulation environment using NVIDIA's Omniverse.
- Spearheaded communications with external vendors - NVIDIA, Balena, Zebra, ProGlove etc.
- Cross functionally led a team of Engineers, Product Managers, QA, SRE, DevOps, Customer Success, Supply Chain.

- Led the effort to make software upgrade over 3000 robots in the field and saved over \$4 million in security-based cost.
- Mentored and coached 3 engineers for promotion to the next level.

Senior Engineer | Team Lead
BioSensics, LLC

June 2019 – Feb 2022
Boston, MA

Led a team of Embedded Systems Engineers on Medical Device product development. Developed system software, tools, and technical documentation. Steer team's project management, release planning, design, and code reviews. Actively involved in interviewing and hiring new candidates. Products were FDA Class II exempt. Data and code was HIPAA and GDPR compliant.

- Developed and launched a tool that reduces the turnaround time for collecting patients' data from 2 weeks to 5 mins, also bringing the operational expense of shipping down to zero.
- Improved a product that helps track patients' interaction with a wheelchair. Increasing company revenue by \$200,000.
- Implemented a dual device system meant for tracking data for patients' recovering from Stroke/partial body paralysis. Delivered as part of a \$1.5M grant, increased revenue by \$350,000.
- Deployed Continuous Integration, Continuous Deployment (CI/CD) pipelines, improving technical architecture and system design.
- Worked on the next generation of movement tracking medical devices that would replace multiple different hardware solutions with one piece of hardware. Bringing down the manufacturing cost 3x, and reducing manufacturing and testing time by 10x.

Software Engineer | Release Management
Arista Networks

June 2017–June 2019
Nashua, NH

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

System Software Engineer
NVIDIA

July 2013 – July 2015
Pune, India

- Led development of the Driver Settings module for NVIDIA's Windows application, implementing User Access Controls and ensuring compatibility with multiple host systems, including GeForce Now clients.
- Designed a new driver framework enabling legacy code integration with modern clients, and optimized the build pipeline to reduce run time from 40 to 12 minutes, accelerating development cycles by 3x.

EDUCATION

MS in Information Networking
Carnegie Mellon University

Aug 2015 – May 2017
Pittsburgh, PA

BS in Computer Engineering
University of Pune

Jul 2009 – Jun 2013
Pune, India