

JOYDEEP DAS

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SUMMARY

Results-driven Technical Product/Project Management professional with 20+ years of experience in leading cross-functional teams and overseeing complex data storage and compute platform hardware and systems software engineering projects. Strong background in technical project and product management, engineering development and product validation.

RECENT ACCOMPLISHMENTS

- Led Inbound Technical Product Management of Pure Storage Flash Array C20, Flash Blade EXA and BGP Feature.
- Led initiative to re-engineer OCI's Object Storage software stack from monolithic architecture, resulting in 20% faster deployment velocity across cloud regions.
- Oracle Cloud File and Block Storage ARM Platform Adoption for AI workload, supporting GPU cluster

TECHNICAL WHITE PAPER

- Storage platform architecture using computational storage, leveraging Kubernetes and container orchestration @HPE
- Hybrid storage disintegrated platform architecture leveraging NVMe and NVMe-oF @HPE

EXPERIENCE

Senior Technical Program Manager (Inbound Product Management) | Pure Storage | April 2024 - Present, Santa Clara

- End to end Technical Product/Program Management of NPI HW and systems software platform engineering, targeted towards AI training and super compute storage cluster.
- Manage program budget, schedule, risk, scope, quality, ODM, JDM engineering engagement for Pure storage Flash Blade and Direct Flash Module technical product/program management.
- Data driven weekly C-Suite reporting of program milestones and stakeholder communication for HW and Systems Software deliverables encompassing Flash Blade and Direct Flash Module product line.
- Collaborate with support and marketing/sales to drive product roadmap alignment for HW NPI initiatives

Principal Technical Program Manager(Inbound Product Management) | Oracle America Inc | July 2022 - November 2023, Santa Clara

- Successfully led Firmware, Device Driver, and System Software qualification and development for the storage platform. Implemented data-driven decision-making strategies to streamline the NPI HW PRD process and achieve a 20% decrease in time-to-market.
- Implemented and managed the rollout of the Object Storage software stack, including Metadata, Web Server, Data Plane, and Control Plane, across 50+ cloud regions.
- Led software code improvement and qualification efforts for large-scale event prevention in OCI storage services.

Sr Staff Engineer - Feature Lead - Storage Platform R&D | Hewlett Packard Enterprise | December 2018 - July 2022, San Jose

- Led the NPI software and hardware development efforts for HPE Alletra 6K and Alletra 5K product lines, ensuring successful delivery and on-time release.
- Conducted partner and supplier qualification for NVMe, NVDIMM, HDD, SSD, BIOS, BMC, PSU, and CPU, utilizing a Test-Driven Development (TDD) approach, resulted in improved platform software, hardware quality and ~15% reduction in platform escalation tickets.
- Led EVT, DVT, and PVT qualification processes, ensuring seamless alignment with platform software release schedule.
- Led system readiness efforts for platform software development and validation, ensuring alignment with priorities, execution, and platform launch schedule.
- Train, lead, mentor, and manage geographically distributed engineering team.

Platform Hardware Engineer | Veritas Technologies | July 2017 - December 2018, Santa Clara

- Oversaw and managed the qualification process for HDD, SSD, NVMe Firmware and Driver, BIOS, and BMC FW platforms for purpose-built multi-cloud and distributed storage backup appliance engineering, resulted in 10% improvement in qualification cycle.
- Conducted performance characterization for SSD and NVMe data caching in hyperscale and multi-cloud environments, resulting in 8% improvement in data migration workloads.
- Led the HW/Platform team as Scrum Master, ensuring alignment of team deliverables with program increment objectives.

Software Engineer | Cisco Systems Inc | December 2014 - July 2017, US, CA, San Jose

- Led validation process for UCS C and S series converged architecture rack server data storage, including RAID, HBA, HDD, PCIe NVMe and SSD Drives Qualification, resulting in 30% reduction in customer found tickets.
- Led PCI-e NVMe qualification for UCS C and S Series converged architecture platforms.
- Led cross-functionally with engineering teams to troubleshoot and resolve integration issues, contributing to a 15% improvement in overall server reliability.

Test Architect | Wipro Ltd, Mento | March 2012 - August 2014, US, CA, Park

- Led hardware and system software engineering and validation efforts for high-profile clients such as Facebook, HP, and Seagate, resulting in successful implementation, integration and 15% improved release velocity.
- Developed and executed testing methodologies, resulting in a 20% reduction in system failures and a 15% increase in overall system performance.
- Utilized technical skills in hardware and system software architecture to identify and resolve complex technical issues, resulting in improved system reliability and customer satisfaction.

Storage and Compute Validation Manager/Lead | Multiple Storage Companies | March 2004 - March 2012, IN

- Managed and mentored a 16-member QA team to validate the end-to-end RAID product line for storage and compute, resulting in increased efficiency and productivity.
- Implemented robust testing methodologies and automation tools, resulting in a 25% reduction in manual testing effort and improved overall product quality.
- Collaborated with cross-functional teams, including product management and development, to successfully deliver multiple high-profile projects on time and within budget.

EDUCATION

Bachelor of Engineering - Amravati University, India, 2001

SKILLS

Technical:

Virtualization, Distributed Systems, Flash, NVMe, PCIe SSD, Hyperscale Computing, Firmware, Driver, API, Test Automation, Application Validation, IO Workload Profiling, UI Usability Study, Test Architecting, Public Cloud Infrastructure, Object Storage, Compute, Shell Scripting, Python, HDD, HCL, , Data Storage, AI Workload, Infrastructure, OEM, ODM, JDM, QA, Product Testing, Software Testing, Hardware Qualification, New Product Introduction, NPI, R&D, Data Center, EVT, DVT, PVT, AI Infrastructure, , IaaS, SaaS, Software Engineering, Release Management

Industry Knowledge:

Vendor Management, Team Leadership, Technical Program Management, Agile, Scrum, Project Management, , Product Management, Scale out Infrastructure, Project Planning, Executive Communication, Communication, Partnership, KPI, OKR, Cross Functional Collaboration, Problem Solving, DevOps, Large Scale Implementation, , Jira, Confluence, , Design Thinking, Agile Project Management, , Inclusive Leadership, Innovation, JQL, Facilitation, Customer Engagement, Risk Mitigation, Continuous Improvement, Process Improvement, Engineering Management, Customer Engagement, Design Thinking, Development Fundamentals, Partner Management, Product Lifecycle Management, Strategic Pricing, User Experience (UX), Value Creation, Vendor Management