**VIMAL NAKUM**

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**Technical Program Manager**

Collaborative, technical and detail-oriented engineering leader with proven experience in Enterprise Class product development and leadership in Hyper converged platforms, Storage, Embedded and Networking industry. Management experience in leading enterprise class cross team projects from incubation, implementation, and customer delivery. Established and led SAFe Scrum Agile framework based Agile scrum teams to deliver critical projects at sustained pace. Experience building a global ecosystem with Global OEMs, Service Providers and third party component vendors.

**Skills**

Agile, Scrum, SAFe, SDLC (Waterfall) C, Python Language, Web Development

JIRA, Microsoft Project, Version One Linux kernel, Device Drivers, Embedded

Confluence, Bugzilla, Sharepoint Flash, NVMe, Storage, SDS, Firmware

Jenkins, Github, Gerritt, Perforce VMware ESX, KVM, AWS

**Experience**

**Nutanix,** San Jose, CAApril 2018 - Present

**Sr. Engineering Manager**

Led a high achieving **Platform Solutions team** for the development of Hyper Converged Infrastructure Platforms. Owner of **FleX SDK** project which builds an industry wide partner ecosystem with leading server vendors and component vendors through **Tools and SDKs**. Managed **Foundation** software, a bootstrapping,and deployment software for distributed systems, with asynchronous software upgrades to scale the platform offerings.

* Setup **agile scrum teams** for FleX and Foundation projects including backlog, sprint scheduling and retrospectives for 10+ software releases.
* **Built a thriving external partner ecosystem** (FleX SDK) from scratch by working with alliance partners to onboard 15 leading component and server partners. Established a **partner support team** with SLAs for support and qualification tickets.
* Translate executive vision and goals into innovative **roadmaps, schedules and deliverables** in collaboration with Product Managers, Leadership teams and global engineering teams.
* **Experience working with Manufacturing, Sales and Engineering** teams for NPI software features impacting >70% of the shipping platforms.
* **Collaboratively drove cross functional team projects** to deliver critical security gaps in the portfolio with Secure Boot support for the core products, working across Foundation, AHV Hypervisor, Infrastructure and Prism UI teams.
* Provided efficient monthly, and quarterly review updates to Release management, and Engineering Leadership aligning the feature deliveries.
* Responsible for the team and project resource **budgeting** for the Capex and Opex for equipment and contractors of over 1M.

**Dell EMC,** Santa Clara, CA Dec 2010 – Apr 2018

**Sr. Engineering Manager**

* Drive cross functional team to deliver **three generations** of market leading, Linux powered, Protection Storage Appliances, each scaling **performance and capacity by 1.5x**. in physical, virtual and cloud models.
* Established **SAFe Agile framework** using Agile software such as JIRA and Version One with multiple scrum teams delivering from forming to performing stage.
* Lead **agile scrum teams** (scrum master, product owner) for delivering **scale out appliances** in fast, rapidly changing environments, with each sprint focused on MVP deliverables.
* Managed both leading **external HBA and SSD vendors** for roadmaps, critical issues and tracked the release schedules.
* Established **technical roadmap and vision** for Storage team, with Product Management to transform team from purpose built **hardware platforms** to **virtual** and **cloud** infrastructures.
* Led the team for Storage stack development from Multi vendor HBA drivers, Linux SCSI stack, Storage Lifecycle Management and Storage Enclosure management.
* Delivered innovative **Flash infrastructure** for Protection Storage Appliance in iterative model with agile quality principles.
* Helped the team through hands on debugging and **solve challenging technical problems** such as performance and user experience issues.

**Promise Technology Inc**, Milpitas, CA Sept 2006 – Dec 2010

**Engineering Manager**

* Led development of 8G Fibre channel Linux drivers, 6G SAS Linux drivers, 1G and 10G iSCSI Linux drivers for E-class External RAID controllers.
* Worked as a Project lead for a critical OEM customer. Worked with OEM on defining release cycles, worked with group managers on allocating resources for critical tasks.
* Triage issues raised by OEMs and test teams. Work with 3rd party OS suppliers such as VMware on resolving critical issues.
* Setup an offshore team from scratch, working with offshore recruiters to hire a team lead and team members.

**Additional Work Experience**

**ARIO Data Networks,** San Jose, CA

**Sr. Firmware Engineer**

* Implemented RAID levels RAID 0/RAID 1/RAID 5 and Multi-Level RAID translation module for Fibre channel to SATA RAID controller based on custom RAID ASIC.
* Developed firmware for SATA protocol including initialization, data transfer and error handling.
* Debugged critical issues involving LSI 1068 SAS controller, Vitesse 7153 expander and PMC 8381 (6 port) expander.
* Design and implementation of SATA Driver using Marvell 88SX5080/6081 Controller.
* Design and implementation of Fibre Channel Driver with LSI 929x/949x chipset.

**iPolicy Networks,** Fremont, CA

**Sr. Software Engineer**

* Development in assembly language for Vitesse Network Processor for IO path software modules of ipEnforcer network security appliance series.
* Development of Policy firmware modules for Intrusion Detection, Quality of Service (QoS) and URL Filtering.
* Decode of various network protocols like FTP, HTTP, SMTP and POP3.

**Education**

**Bachelor of Science, B.S**. (Electronics), Gujarat University, India

**Certified Scrum Master**, anticipated - August 2020

Kubernetes Administrator Certification, anticipated - August 2020