

Sobhan K. Padamati

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Summary:

Globally experienced engineering leader with proven track record for setting bold technical vision, innovation, execution and delivery of enterprise class systems in the areas of Cloud Computing, eCommerce and Systems Engineering. 22+ years of experience, Engineer plus MBA. Results driven technical leader with hands-on management style. Major strengths in building high-performing product development teams, engineering team leadership, engineering execution, technology strategy development in complex and emerging technologies, demonstrated strategic and tactical success in launching new products through leadership and motivation.

Specialties:

Product development and delivery, Multiyear vision and roadmaps, Building and inspiring high-performing teams, Team Leadership, Customer focused, Critical problem solving and crisis resolution, conflict resolution, high energy, Management Execution and Delivery, Vendor Management, Executive Communication. Technical: Embedded Systems, System Architecture, Operating Systems, Storage, Networking, Cloud Computing, eCommerce, Machine Learning, Artificial Intelligence, Machine Translation.

Experience:

Sr. Leader, Alexa AI, Amazon

Jan 2019 - Present

Sr. Leader, Machine Translation, Amazon

Jan 2017 - Dec 2018

Single threaded technical and business leader for Machine Translation, String Translation and Voice Translation Services at Amazon. Architect and run business critical services with volumes of tens of thousands per minute, latencies under 300 milli-seconds and availability of 99.9% or higher. Services leverage Machine Learning and Translation Automation and serve over 5700 Amazonians across over 685 teams helping Amazon scale Internationally and saving Amazon millions of dollars. Responsibilities include building high performing software engineering organization, growing the team in Pittsburgh from 3 to 20, roadmaps, multi-year vision and operational plans, business updates, product development initiatives.

Director of Engineering, NetApp

May 2011 – Dec 2016

Senior Engineering Manager, NetApp

Jan 2005 – May 2011

Responsible for development of System Firmware across NetApp product line. Driving force behind introduction and delivery of standards based firmware to NetApp. Managing multi-million dollar budgets to augment firmware development with partners from around the globe.

Delivered multiple generations of Storage Systems for NetApp. Enterprise class products with focus on low cost of goods, high volume, low touch and channel ready. FAS2xxx delivered by my team boasts having the least disruption rate of any NetApp systems. Responsible for introducing several innovations in product line including ADR, NVMEM, NTB, CAN bus, Service Processor, uEFI, Flash Cache, USB console, offload to flash.

Expert in delivering enterprise class products with focus on quality, root cause analysis, release management, source control, defect tracking, continuous integration testing, left shift testing and agile development methodologies.

Force behind Flash Cache Innovation at NetApp accounting for over 27PB of flash storage attach and close to \$1B in revenue. Was able to completely remove number of disks as a limit to reach peak performance.

Delivered products account for over \$3B in revenue for NetApp and over 80% of NetApp's system footprint. System delivery in multiple operational models – JDM, ODM, CTO, PTO.

Global organization with \$10M+ in budget and 100+ employees in 4 locations: California, Pittsburgh, North Carolina and India.

Engineering Manager, FORE Systems/Marconi

May 2001 – Jan 2005

Software Development Engineer, FORE Systems/Marconi

May 1996 – May 2001

Represented FORE systems in high-tech forums like Pittsburgh Digital Greenhouse, Pittsburgh Technology Council. Recognized as a thought leader within the company and was part of the EVPs direction team. Evaluated gear from other vendors for potential OEM/partner relationships. Involved in various short and long term strategic initiatives.

Managed and lead Operating Systems and Device Driver group to deliver controller software and interface card software for core routing and switching equipment. Responsible to evaluate and pick third party vendors for both hardware as well as software components. Came up with a three-year roadmap and strategy for OS group. Worked with cross functional groups spread across Pittsburgh, Ottawa, Boston and Vienna.

As a Kernel and Operating Systems developer, delivered system software for embedded controllers for enterprise class networking equipment. Understanding of system architecture aspects like interrupt mechanisms, memory management, device drivers, multi core and multi thread.

Education:

- MBA, Katz Graduate School of Business, Pittsburgh, PA (May 2002. Specialization: Strategic Planning)
- MS – Computer Science, Purdue University, West Lafayette, IN (April 1996. Specialization: Networking)
- BS – Computer Science, NIT, Warangal, India (June 1994 with distinction/honors)

Personal:

Hobbies include anything to do with technology, computers, networking and the Internet. Enjoy and actively participate in skiing, bowling, tennis, traveling, social service, volunteering and a wide variety of other recreational activities.

<https://www.linkedin.com/in/sobhan>

US Citizen

Referrals available on request