Des Saravanan

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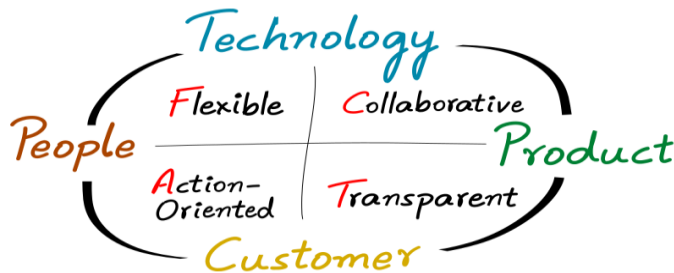https://www.linkedin.com/in/dsaravanan | https://des-saravanan.github.io/resume/
US Citizen; Open to relocation

PROFILE: ENGINEERING EXECUTIVE

STRATEGY & LEADERSHIP ❖ PRODUCT DEVELOPMENT ❖ OPERATIONAL EXCELLANCE

- ✓ Customer-focused technology executive with over 20 years of diverse expertise in delivering products from concept to market in the areas of Android, Mobile platforms, App Runtimes, IOT, Networking, Communications, Security, Embedded and System software.
- ✓ Champion technical and business solutions with both technical and non-technical audiences and collaborate with cross-functional teams, vendors, partners and customers to translate business needs into product deliverables.
- ✓ Leverage strong business acumen to drive success in scaling and diversifying product portfolios across adjacencies, with innovations fueling bottom-line growth and ROI.
- ✓ Adept at building and motivating top performing, global teams to deliver best-of-breed technology products within the constraints of scope, quality standards, timelines, and budgets.
- ✓ Challenge-driven and thrive in a dynamic environment. Flexible approach to perform in different roles and to scale appropriately as the team requires.

Leadership Style	Core Competencies
	Product Design & Development | Go-to-market Strategy Product Roadmap | DevOps & Quality Assurance (QA) Cross-Functional/Global Team Leadership Android | Mobile Devices | IOT Machine Learning | Cloud Computing Networking | Switching | Routing | Security Embedded Software | Virtual Machines

PROFESSIONAL EXPERIENCE SUMMARY

DIRECTOR OF ENGINEERING • INTEL CORP. • SF BAY AREA, CA • 2010 – PRESENT

https://des-saravanan.github.io/resume/experience/intel/

Started and lead Android Runtime (ART) Center of Excellence for Intel with responsibility for strategy, direction, planning, development, and delivery of Android Runtime and associated User Experience in **all** of Intel's Phone, Tablet, TV, IoT and other Android platforms and devices as well as to Chrome OS (ARC++) and Brillo for IoT devices.

- Drafted and drove the strategic evolution of Dalvik and ART VM to position Intel as the technical leader. Architected the Intel ART Silver technology strategy, worked with Google and delivered it in the Intel platforms outperforming the stock Android runtime on an average of 30% over the completion and up to 200%.
- Championed the relationship with Google and successful collaboration made Intel #2 contributor to AOSP.
- Built and lead results-oriented global teams in 4 countries with up to 60 engineers performing porting, enabling, QA, feature development, functional support, performance analysis, performance optimization of Dalvik & ART. Evangelized and practiced a "People first" culture of commitment to employee career development and professional success.
- Delivered the Intel Android OS across 9 releases from Android Froyo to Nougat and across 5+ generation of hardware spanning all form factor of devices. Introduced leaner, agile open, and transparent, software development model to scale resulting in over $1M in development savings and increased operational efficiencies by 4X.
- Inspired and fostered team innovations, including several PoC's to improve Intel's Android distribution and increased the mobile IP portfolio, with cloud offloading, machine learning based security, Android apps UI automation tool, etc.

SR. DIRECTOR OF ENGINEERING • CONSENTRY NETWORKS • SF BAY AREA, CA • 2005 –2009

https://des-saravanan.github.io/resume/experience/consentry/

Ran the Software engineering, QA, DevOps and TechPubs teams and built ConSentry's next-generation Ethernet appliances (CS2400 and CS1000) and switches (CS4048 and CS4024) which natively integrated switching and routing with identity and application firewall capabilities. Joined as the first software development manager and delivered all of the products from concept through the customer acceptance phase.

- Worked with product marketing, sales and customers on go-to-market strategies, product planning and roadmaps for all of the products. Drove planning and execution of over 11 major software releases. Promoted a customer-centric culture.
- Rebuilt and led the platforms software development team, applications software development team, QA team, DevOps and Tech pubs team with an overall team size of ~50. Worked with partners and vendors to purchase the OEM software and outsourced work that drove over 500K in savings.
- Lead the platform software team and contributed to the bringing up of the ASIC and platform of the appliances and as well as all of the switching, routing and network management functionalities of the switches.
- Lead the App software team and drove all the aspects of security software covering user identification, authentication, network access control, deep packet inspection, visualization, application firewall management and enforcement in the data path.
- Championed streamlined DevOps and QA processes and automation strategy and tools to optimize the schedule by 20-30%, increased the quality by 30% and increased customer satisfaction.
- Acted as technical lead and architect as required, along with senior technical staff for the software team to deliver simple, stable, scalable, and sustainable products.

SENIOR SOFTWARE MANAGER • EXTREME NETWORKS • SF BAY AREA, CA • 1998 – 2005

https://des-saravanan.github.io/resume/experience/extreme/

Joined as one of the early stage pre-IPO engineer to work on various parts of the networking software stack. Promoted through various roles and functions including Manager/L2 software, Manager/Security Software, Tech Lead/IP multicast, Tech Lead/L3 software, Tech Lead/Platform Software.

- Key member in bringing up 3+ generations of HW products at Extreme over 10+ generations of SW releases, serving as the lead and liaison for technology and the program.
- Provided technical leadership and direction to team of 50+. Authored, design, developed, ported and delivered networking protocols across L1 through L7. The list includes but not limited to the standards and protocols of VLAN, QoS, STP, LLDP, LACP, 802.1x, TCP/IP, IGMP, DVMPRP, PIM, OSPF, VRRP and IPX suite and proprietary protocols addressing the functionalities of discovery, high availability, fault tolerance, redundancy, MAC/IP/Port security, Network Login and server load balancing.
- Served as Program Manager for several software release streams for both VxWorks based Extremeware and Linux based EXOS, covering all aspects of Software and leading a team of 50+ engineers.
- Partnered with marketing and customers to define software features and requirements. Created customized solutions in both pre and post sales for enterprise markets and carrier markets, including high profile sales and deployment that included WellsFargo, Lockheed Martin and Korea Telecom.
- Played key role in hiring and building up the teams as the start-up grew. Helped in integration of the acquired companies and in setting up offshore locations.

SOFTWARE ENGINEER • Start-ups @ SF BAY AREA, CA & India • 1995 – 1998

Designed and developed the switching and routing solutions for the L3 switch product and other routers.

EDUCATION

BACHELOR OF ENGINEERING, COMPUTER SCIENCE & ENGINEERING
CIT (*One of the top 25 institutions in India*), INDIA

PATENTS
https://des-saravanan.github.io/resume/portfolio/patents/