

# SRIRAM BHAT

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## ENGINEERING LEADER

An accomplished Engineering leader with experience in Windows OS/Drivers, Networking, Cloud Deployment(s), Android Apps Development, Full Stack & Embedded SW development. Focused on four areas of excellence: Product development, Quality & Speed of Delivery, Organizational Leadership & Performance Improvement. Demonstrates collaborative leadership skills and ability to champion efforts across organizations. Experienced in guiding team through analysis, planning, prioritization & execution with an excellent customer focus. Exhibits a strong sense of ownership of any products or programs, motivates team to celebrate and learn from experiments

## MANAGEMENT COMPETENCIES

Strong Leadership | Effective Communicator | Leads Engineers & Managers | Leads Development & Quality Orgs  
SDLC Expert | Cross Functional team player | Startup Aware | Project Planning | Vision Alignment  
Lead Manufacturing Operations | Budget handling | Product Management | Portfolio Management | Decisive manager  
Agile | CI/CD | JIRA | Kanban Boards

## PEOPLE SKILLS

Leads Engineers & Managers | Hiring | Coaching | Mentoring | Builds strong teams | Organic & Inorganic Growth  
Sets Best Practices | JDM & ODM experienced | Builds strong teams | Innovative | Problem Solving | Technical Guidance

## TECHNICAL SKILLS

C | Java | C# | HTML | JSON | JavaScript | React/Next JS | GraphQL | Django | SQL | AWS | Restful API | | Android Apps  
Full Stack Development | Embedded/PC Architectures | Distributed Systems | Windows Drivers | Systems Software  
GIT | VoIP | Video | Unique Debug Techniques | TCP/IP | UDP | LAN | WAN | AI/Datascience

## EXPERIENCES

### Lead Software Engineer at Microsoft Inc., Redmond, WA

10/2019 - Present

Lead the design of system architecture and product design, development of embedded SAM SW, Windows & OS for Surface Laptop product line using Agile methodologies. Collaborated closely with Intel on SoC bring up to deliver TGL, ADL and RPL designs on Surface Laptop 4 and 5.

- Gained a complete knowledge of the SoC/Windows and used creative methods to analyse/debug and resolve some of very hard bugcheck issues in windows drivers.
- Evaluated requirements for a next gen trackpad, designed the SW working with the HW, MW teams out of Israel to deliver the next generation trackpad interface for Surface Products.
- Led all interactions with JDM partner to help reduce the overall bug count to zero and reduce the manufacturing overhead cost.
- Debugged close to 15+ critical issue related to System, Keyboard & Touchpad and helped resolve all bugs to reach PQBIH goals set by surface teams.
- Used Android framework to successfully troubleshoot more 20+ issues in Surface Duo program resulting in a timely release of the product.

### Sr. Technical Program Manager at Zensa Inc., (Contracting at Microsoft Inc., Redmond)

3/2019 - 09/2019

Lead the embedded SW development of a large innovative program in nascent stage working with Intel and other internal stake holders such as Windows teams for a foldable device with Surface fundamentals.

- Lead the ASR reviews for SPR with the internal stake holders of all cross functional areas head(s).
- Facilitated the program planning using Agile practices of identifying tasks, update management stake holders of gaps ahead of time for a smooth successful delivery of the program.
- Familiarized myself with Microsoft SW code base of UEFI, Windows and EC and helped debug some of the critical issues for a successful POC approval from leadership team.
- Effectively prioritize and manage engineering roadmaps in alignment with Surface's product roadmap.
- Participated in the discussions with test team and found ways of improving the code coverage on embedded SW.
- Lead the design, implementation & testing of Wireless Charging capability upgrade procedure for Surface Pen

**Founder & Director of Engineering at Smasher Communications Pvt Ltd., India****1/2012 – 12/2018**

Lead the startup through the initial phase of ideation, design, development, testing and certification of 3 products to market. Facilitated the discussions with manufacturing partners to help build a high quality, high volume and feature rich products. Achieved the goal of running a start up from ground up to US\$ 1M within a year with less than \$200k of funding. Helped the team with project plans, delivery plans and manufacturing plans using Agile methodologies using Jira.

- Led the hiring of engineers, coached, and mentored them on both technically & on the company's Vision/Mission & Values of the company.
- Raised the first & second round of funding for development/manufacturing by working with internal/external stake holders.
- Build and maintain strong cross-functional relationships across Platform Engineering partners and customers throughout product life cycle.
- Used AI/Data Science to innovatively add advertisements on the channels using data gathering, analysis and modeling data to meet the TRAI requirements for displaying Advertisements on TV channels.
- Oversaw the design, development & implementation an Android App to aid manufacturing of STB's and leveraging the SaaS on AWS to help manufacture, track, manage and sustain products.
- Analyzed the customer requirement, presented them with different cloud options & facilitated the discussions with Cloud vendors for a completely distributed SaaS digital media VOD solution with Django/AWS backend and Android/ReactJS frontend.

**Sr. Engineering Manager at Cisco Systems., India****10/2006 – 10/2011**

Oversaw the Cisco India ramp up a second development center for Access BU division. Formulated innovative hiring practices for 30 engineers, mentored, and coached them on the Cisco Technology, Culture & Vision. Managed & grew the development charter of IOS device drivers, H323/SIP and Device Management areas BU.

- Developed project plans from concept to delivery using Waterfall model. & executed plans using SDLC methods to deliver projects/programs in all three charter areas to market & made plans for sustenance of these products
- Groomed 4 engineering managers 3 disparate areas of technologies of the BU.
- Collaborate closely within the overall IOS networking team to function as one team, delivering cohesive solutions.
- Hands on development on IOS device drivers, H323, SIP Stack and helped them in code reviewing and sustaining.
- Drive the performance measures/goals settings for the managers & ICs to increase productivity and quality of team.
- Analyzed the market response to new H323 features. Analyzed the parameters and presented a plan to the internal stake holders on a restructure plan (500k lines of code) without disrupting the current feature velocity. This restructure helped in reducing overall investment in the technology by 25% and reduced the customer found defects by 30%.
- Worked with ODM partners (Wipro/HCL) on sustaining H323 stack and helped reduce the overall h/c by 25% and hence save US\$800k/Qtr for Cisco.

**Sr. Engineering Manager at Cisco Systems Inc., Research Triangle Park, NC****09/2001- 09/2006**

Directed the Cisco Access Router product development of Cisco 2800 routers. Hired team of 8 engineers that was responsible for delivering products that garnered close to US \$1B per quarter in revenue, delivered programs on WAN interfaces such as DSL, Cable Modem, Analog Modem and USB functionality.

- Developed project plans from concept to delivery using Waterfall model. Executed the plans using SDLC methods to deliver the projects/programs to market in charter areas.
- Evaluated the requirements for WAN interfaces (DSL, Cable Modem, Satellite & USB) and worked with partners such as Philips, HNS and Gemtek to deliver products on Cisco's Midrange routers.
- Presented at Docsis Labs to enhance the QoS of voice packets on a cable network and persuaded to integrate in Docsis 2.0 specification.
- Analyzed the requirements for a multicore solution, worked with HW on the SoC architecture, lead the SW design to implement Cisco's core routing from a single core to multicore SoC from PMC Sierra.
- Influenced the team on the need to innovate and as a result the team filed 10+ patents.

**EDUCATION:** Bachelor of Engineering, BE in Computer Science and Engineering

**US PATENTS:** US 7848332, US 7464243, US 7284050, US 8861358, US 8599855, and US 7948883 ([Link](#) here)