

Sameer Khan

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Summary

- **Creative Technologist** with professional experience of **13** years in software development for mobile applications and handsets
- **Leader** with core competences in;
 - Innovation & Creativity
 - Technical Leadership
 - Project Management
 - People Development
 - Process & Practice Development
 - On-site Coordination
 - Multi-site Team Management
 - Stakeholder Management
- **Out-of-the-box thinker** with strong problem solving skills
- **Inventor of two patents** granted by US Patent & Trademark Office (USPTO)

Work Experience

Senior Engineering Manager

Lava International Ltd.

Bangalore, India

Jan '11 – Oct '13

- Member of leadership team for R&D for Smartphones
- Responsible for technical leadership, new initiatives, process development, project & people management, vendor evaluation, staffing, mentoring, training
- Headed development of many innovative features targeted towards smartphones with a 5 member engineering team
- Achieved near 100% retention of team members for entire tenure
- Conceptualized and led development of Wyze Launcher application available on Google Play store, <http://goo.gl/ZB2PPM>
- Conceptualized and led development of UniformX, a concept to achieve consistency in the user experience of applications of a smartphone
- Led development of service center application that region-wise lists Lava's service centers available of Google Play store
- Implemented process to track life cycle of software bugs which was used by internal and external stakeholders
- Worked with Chinese ODMs and laid processes to control software quality
- Provided Technology, Android and software development related consultancy to the management and internal stakeholders
- Involved in partnerships with global companies namely, FB, Twitter, Frog, Mozilla, Canonical, etc.
- Gained good knowledge of UX (user experience) design for mobile applications

Technical Manager, Wireless Applications

MindTree Wireless Pvt. Ltd.

Bangalore, India

Jan '10 – Dec '10

- Head of Applications for Android based 3G Smartphone development team
- Accountable for all deliveries in Applications layer

- Led a 19 member team with a structured hierarchy for PIM & Tools, Messaging, Web teams
- Responsible for technical leadership, project & people management, vendor evaluation, staffing, mentoring, training
- Primary decision maker in selection of OMA DRM and Email solution providers for integration into Android Smartphone project
- Formulated processes within the team for efficient software deliveries and team management
- Conducted feasibility analysis of AT&T Device Requirements
- Led enhancement and feature development of PIM & Tools, Messaging and Browser applications

Manager, Software Engineering

Kyocera Wireless India Pvt. Ltd.
Bangalore, India

Apr '04 – Jan '09

- Technical Project Manager for porting BREW on Qualcomm MSM/QSC platforms for Kyocera Wireless CDMA mobile handsets
- Consistently delivered all commitments on agreed timelines while porting BREW for Neo, Tomo, Wild Card, Mako, Tempo, K342
- Accountable for all aspects of software development that involved planning, resource estimation and execution for all BREW deliverables and Readiness Review (RR) certifications for KWC handsets
- Achieved a near 100% BREW certification success rate with single phone build submission to Qualcomm. Played a major role in reducing the BREW certification cycle from 6 weeks to 1 week
- Built a high-performance team of 13 engineers and led a 5 member team functionally reporting from Teleca Russia
- Achieved 100% retention of team members as leader of BREW OEM team
- Managed 3-5 projects in parallel for various handsets on product roadmap
- Developed custom OAT modules for BREW OEM layer port verification
- Reviewed and implemented feature requirements for carriers, viz. Verizon, AllTel, US Cellular, etc.
- Over 20 inventions disclosed to Kyocera Wireless IP Committee

Past responsibilities:

- Project lead for Resources Team of 5 engineers that was in place for string text manipulations, widgets, forms for KWC handsets based on native UI
- SWPE (Software Project Engineer) for Kyocera products (Koi, Slider and M200) in sustenance mode
- Worked on various phones in sustenance mode to fix issues in UI
- Designed and implemented the font rendering module for Hindi using BDF fonts
- Studied and evaluated third party font engines from BitStream, Monotype and Pango
- Worked on Kyocera's native UI based text entry module

Member of Technical Staff (Developer)

Sharp Software Development India Pvt. Ltd. Bangalore, India

Sep '03 - Apr '04

- Involved in design and development of network management software for

- multifunctional printers using Simple Network Management Protocol (SNMP)
- Used tools such as Rational Rose and UML for designing

Project Engineer

ControlNet India Pvt. Ltd.
Goa, India

Nov '99 - Sept '03

- Led a team of 5 members in the design and development of a client-side component for a B2C shopping application including involvement in the design of client and server components
- Implemented remote desktop sharing application for Palm OS handhelds and MS Windows using Remote Frame Buffer (RFB) protocol
- Implemented Home Audio / Video Interoperability (HAVi) 1.0 standard as proof of concept for IEEE 1394 compliant devices

Technical Skills

Mobile Platform	Android, BREW (+ Rex OS), Palm OS
Languages	C, C++, Java
Tools	Android Development tools, BREW PEK & Tools Suite, Perforce, Clearcase, Palm OS tools, QXDM, MS Office Suite, MS Project, Visio, Google Analytics, Google Play Developer Console
Technology	Exchange ActiveSync, Qualcomm MSM/QSC platforms, Data Services, Embedded systems, HAVi, TCP/IP, SNMP, FTP, HTTP, XML

Education

B.E. (Computer Engineering): Passed with First Class with Honors in Nov '98 from Goa University, India

Patents

- US Patent no. 8406788 - System and method for locating a phone user
- US Patent no. 8036677 - System and method for locating a phone user
- US Patent application no. 20070226034 - Wireless communication device meeting scheduler

Awards/Achievements

- Several awards for innovation, technical excellence, teamwork at ControlNet and Kyocera Wireless India