

# RAMKUMAR GANAPATHY NAMASIVAYAM

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I am a **Technical Architect with 10+ years of experience** working in Enterprise Software and Consumer electronic products in various capacities through all the software development phases. I would like to leverage my passion and problem-solving capabilities to define/ develop innovative features/ solutions using new technology trends.

## A SNAPSHOT OF MY TECHNICAL EXPERIENCE

- Filed a patent with US Patent Office on Autonomic Networking (For Cisco Systems)
- Proposed a patentable solution for Seamless Video Streaming on mobiles using bandwidth aggregation technology
- Worked extensively with product managers and customers in defining product requirements and system architecture
- Expertise in defining Home Networking solution, multi-process system architectures, set top box middleware architecture for Gateway and IP Client devices (OCAP, RDK)
- Worked extensively on UI animation, network bandwidth and other performance improvement tasks on Linux platform
- Incorporated Agile methodology to strengthen test-driven development, validation and change management activities

## KEY STRENGTH AREAS

- Capability to quickly grasp new technology
- Ability to lead and manage large teams
- Excellent interpersonal and communication skills

## PROFESSIONAL EXPERIENCE

Dec 2013 – Present	SAMSUNG ELECTRONICS (DIGITAL MEDIA COMMUNICATION R&D DIVISION, SUWON, SOUTH KOREA) <ul style="list-style-type: none"><li>• Developed an algorithm for Seamless Video Streaming (HTTP Progressive download, MPEG DASH, HLS etc.) on mobile devices using bandwidth aggregation technology (To be patented)</li><li>• Currently working on Samsung's IoT platform – evaluating existing IoT platforms and identifying the challenges/gaps</li></ul>
May 2005 – Oct 2013	CISCO SYSTEMS INDIA PVT. LTD (CHENNAI, INDIA) <ul style="list-style-type: none"><li>• Worked as a Technical Architect defining architecture/design for new features in STB (Cloud based solutions for STB/Gateway devices - based on RDK, MRDVR solution, 3DTV, HTML5 etc.)</li><li>• Have extensively worked on different layers of the STB S/W stack (Linux Kernel, Device drivers, M/W, Application)</li></ul>
Dec 2004 – Mar 2005	FIORANO SOFTWARE INC. (BANGALORE, INDIA) <ul style="list-style-type: none"><li>• Worked as a developer in the development of the product Fiorano ESB (Enterprise Service Bus), an EAI (Enterprise Application Integration) tool based on Services Oriented Architecture (SOA)</li></ul>
July 2004 – Dec 2004	KBACE TECHNOLOGIES (BANGALORE, INDIA)
Aug 2003 – May 2004	ESDOTCOM SOFTWARE SERVICES PVT. LTD. (CHENNAI, INDIA)

## EDUCATION

1999 – 2003	BACHELOR OF ENGINEERING (HONS.) IN CHEMICAL BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE (BITS) PILANI, INDIA
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## TECHNICAL EXPERTISE

Linux	RDK	Android	DirectFB	Qt/ Webkit	Chromium	Linux device drivers	GStreamer	Fusion IPC	D-Bus	C	C++
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## KEY TECHNOLOGY AREAS THAT I HAVE WORKED ON

MoCA	3DTV	DVR	MR-DVR	DLNA	Video Steaming	UPnP	Adobe Access	Adobe Flash	HTML5
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## TOOLS/ PROCESSES THAT I HAVE WORKED ON

Redmine	JIRA	SVN	Maven	Agile	Rally	CCM	RTC
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## MY INTERESTS:

- I have been following the latest technology trends – IoT, cloud computing/ personal cloud, big data analysis etc. and would be interested to work on these technologies, if given an opportunity.
- I have been the CISCO Chennai CSR representative for 3 years. During this period, I have coordinated activities such as hunger relief campaign, blood donation camps etc.
- I enjoy playing cricket and football. I have represented at the school, district, college and corporate levels in these games.

*References shall be provided on request. Thank you*