

Profile summary of Hariharan Ramalingam

Consultant – IT systems, IoT, AI-ML, RPA, Cloud computing for Smart infrastructures, POC developments for Turnkey to complex systems, Training & skill development, Manufacturing (Small scale to Large volume), R&D incubation to launch, Merger & Acquisitions (M&A), Patents & Copyright.

Work experience

21+ years of R&D Industry experience covering IT product development in India & Abroad (startup & MNCs). Expertise in Embedded system design, micro system architecture, Software architecture, Chip Design & verification, Enterprise standard/Carrier class product development, Lean methodology for product development, Low cost product development.

- Executed PDLC, SDLC from concept, POC development and launch of products. Launched Converged infrastructure systems involving Servers, Storage, Networking products targeting local markets in India and global customers from SMBs to Large enterprise.
- Executed competitive projects with MNCs on SoC development for next generation mobile computing platforms with Artificial intelligence and 5G technologies.
- Implemented Artificial intelligence-based BOTs engaged Automation in Complex Design & Validation environment for global semiconductor organizations.
- Implemented Design for manufacturing, Design for Serviceability in products to support global manufacturing and Service hubs.
- Managed, achieved sales volume for more than million units of products in Server line based on Competitive analysis and requirement analysis.
- Built, trained and mentored teams globally, cross cultural for product development.
- Audited & Implemented ISO9001 practices, Quality standards for software development practices in global organizations.
- Managed software, hardware vendors in Taiwan, US, Germany, Austria, Mainland China, Japan, India - enabled them to deliver complex product Server product lines.

Patents, Publications, Trainings & Conferences

- Key note Speaker & leadership seminar presentations for Management, Career guidance and Technologies (Cyber Physical Systems, Internet of Things/ edge computing, Cloud Computing) in Academic and MNC organizations.
- Published papers in Server Design, Internet of things, Remote management for Server platforms, Security in edge computing, IoT use cases for Banking, System Modeling in International journals.
- Certified in Blockchain, AWS cloud technologies.
- Holds patent in telematics-based algorithms for automotive application. Currently working on a patent related to edge computing.

Academic

- PhD, in Banking Technology, School of management, Pondicherry University with focus on Internet of things, Bioinspired algorithms, Artificial intelligence, Cluster computing, Wireless sensor networks, Smart Environment, Technology for Banking infrastructure.
- PGDM in Management from IIMM (Currently Balaji Institute of Management), Pune University, Pune.
- M-Tech in Electronics and Communication Engineering from Pondicherry University.
- B.E. in Electronics and Communication Engineering from University of Madras.

Membership & Awards

- Member of IEEE – involved in IOT community, Smart cities, Block chain, 5G and Artificial intelligence.
- Life Member Cloud Computing Innovation Council of India (CCICI).
- Leadership award at DELL for excelling in leadership based competency.
- ODM strategy award from DELL for enabling ODMs in Taiwan and Mainland China for designing and manufacturing server based computing platforms.