

## CAREER PROFILE

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- Service oriented architecture across diversified domains – IoT, Edge Computing, Health, Messaging
- 19 years' work experience with over 3 years International Experience
- Engineering Manager having led a team of **15** members with experience in **Agile** Scrum methodologies, project scoping, scheduling, resource management and third-party stakeholder management
- **Product owner** involved with stakeholder discussion for feature road mapping
- Open-Source Evangelist – **LF Home Edge** defining the roadmap and platform features

## TECHNICAL EXPERTISE

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Languages: C, Go, Java, SQL, Python, Android, [Matter](#) (Mobile)

Tools: Excel, Perforce, Git, AWS, Tableau, MS Project, Snowflake

Speaker at [Webinar series of LF Edge \(Oct'20\)](#), "[Embedded IoT World](#)" Conference – (April 28 -29, 2021) on the topic 'Smart Home Work distribution'(Apr'21) and *Developer Conference* (July '21)

**Entrepreneurship:** Business Proposal and Pitch – TimberTwin ([Alaska Airlines Environmental Innovation Challenge](#)), SerenePoser (Emotion based body language analysis)

## EDUCATION

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M.S (Information Systems)

University of Washington, *June'2024*

M.S (Software Systems)

BITS Pilani, 2009

B.Tech (Information Technology)

University of Madras, 2003

## PROFESSIONAL EXPERIENCE

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**Samsung Research Institute India – Bangalore**

**May'2007 ~ May'2023**

- [LF Home Edge](#) – Roadmap definition and execution for **6 features** over **4 releases**. Maintained **90%** code coverage.
- **Smart Things Connector** – Onboarding/Controlling of **Bulb/HVAC IoT** devices from **2 vendors** (Philips/Ecobee) to SmartThings using Cloud to Cloud Connector (AWS Lambda). Increased the usage by **8%** of SmartThings application.
- **Telemedicine** – [Ask an Expert Service](#) - Delivered a B2C telemedicine service for US market through SHealth application in collaboration with Amwell. Architected using **Observer/Subscriber** pattern through **RxJava**. **5%** revenue increase.
- **Samsung Service Manager** – **Generic** Server component for user and service management. Extended to varied use-case namely **beta** testing of Samsung App, Health program deployment and **A/B testing** management. Deployed in Samsung subsidiary.
- **Cardiac Rehab Service** – A B2B service for health service providers to monitor and generate reports for cardiac rehab patients. Worked closely with different stakeholders namely Mayo clinic in North America region and LifeFitness bike for the development of the B2B service.
- **ChatON** – **Commercialization** for 2 modules - **Registration and Settings module** from **v1.0** till **v3.5** and release to **Playstore**. Maintaining turnaround time (**TAT**) to minimum (a day for high priority bugs), managed short deadlines by effectively maintaining team health and project needs (with stretch goals as needed). The application had **100M MAU** with global presence in 120 countries and 62 languages simultaneously supporting mobile and tablet versions.
- **JNI Development** – Designed and developed sensor/LBS javacall layer using the Brew Mobile Platform API's.
- **Application Management Software** – Awarded "**Super saver**" for saving royalty fee, by developing a framework to download and install multimedia contents and J2ME application for BREW based handsets.

**Samsung Electronics, Suwon, South Korea**

Feature scoping along with development for Multi Device Experience. Credited as "**Best Developer**" by group lead.

**Wipro Technologies**

**Jan'2004 ~ April'2007**

- **Java Application Manager: Toshiba** – Developed security module and management of java root certificates.
- **J2ME – System verification and compliance: Sony Ericsson** – MIDlets for compliance of JSRs 120, 179.