

# Ramesh Babu Kuttuboina

MBA and Masters in Computer Engineering @Carnegie Mellon, Technology Product Leader, Safe Agile

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## SUMMARY

- Around 12 Years of work experience in building customer centric products using product management principles
- Safe Agile, AWS Practitioner, UI/UX, System architect PEGA and Devops certified professional
- Build apps from scratch: Analysis, Design, Develop, Integrate, Implement and test
- Lead Research projects from Robert Bosch and Carnegie Mellon University
- Part of product management team for a couple of successful startups
- Project Management Skills: Project Planning, Functional Requirements, Risk Analysis & Management, Resource Allocation, Disaster Recovery & Planning
- Have Good Experience with Android and basic knowledge on IOS Mobile Development
- Have working knowledge on basic SQL, NOSQL and related database technologies
- Have good working knowledge with various cloud application development and deployment
- Experience in writing automation scripts such as python, java script and Unix shell
- Work experience in different software methodology like Safe Agile, Kanban and Waterfall
- Have SCM/Devops experience [CI/CD, build, release and deployment]

## PROFESSIONAL SUMMARY

**SPORTTHON, USA [Startup]      Product Manager & Director of Engg      April 2019 to Present**

SPORTTHON is a social network for sports, specifically designed to solve the needs of sports industry involving all sports stakeholders such as players, teams, groups, coaches, managers, Organizers, sports companies and sports enthusiasts.

### Responsibility:

- Hypothesis and Problem Validation through Qualitative and Quantitively research
- Road maps, User Journey maps, user personas, Business and Tech Strategy
- Process and Product development for web, android and IOS Teams
- Prototyping new features [Requirement analysis & gather, wireframe, prototype and document]
- New technology and Market segment exploration
- Coaching/ Mentoring Technology and business interns

**Environment:** AWS, Android, IOS, Rest API, Java script, Ajax, Codelgniter, PHP 8.0, SQL    **Team Size:** 5

**HM Health Solutions, USA      Safe Agile Engineer      July 2016 to Present**

Highmark Health organization is a leading health care company, Serve nearly 50 million Americans in all 50 states and the District of Columbia through the businesses in health insurance, health care delivery, post-acute care management solutions, managed vision care, retail eyewear and eye care services, eyewear manufacturing, dental solutions, health risk solutions and innovative technology-based solutions.

**Roles and Responsibilities:**

- Part of Safe Agile release train, Iteration planning, sprint planning and backlogs
- Part of Scrum team, Sprint Grooming's, Daily standups, Retrospectives
- Part of release plan cycles, versioning, build and deploy code and reporting
- Develop new apps and maintain Legacy web application enhancements to automate business process

**Skills and Tools:**

Safe Agile, PEGA, Version 1, Java, JavaScript, Unix, SQL, HTML, Rest API, UcdDeploy,

<b>ICON Smartech Inc., USA</b>	<b>Product Manager</b>	<b>Jan 2015 to June 2016</b>
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ICON Smartech is a startup based in Silicon Valley, it's a world's first open app smart home hardware runs on Android, where it can run several smart home applications. It has android, iOS and web/cloud applications which can control the smart home hardware remotely.

**Responsibility:**

- Lead web, android and IOS Teams, Guiding and Mentoring interns
- Prototyping new features [Requirement analysis & gather, wireframe, prototype and document]
- New technology and market segment exploration, communicating with clients.
- Set up ICON backend server in AWS and ICON- KII cloud integration
- Develop android/java applications for Mobile and ICON Home Hardware

**Environment:** Java Spring, Android, IOS, Jenkins, SQL, AWS, Rest API, Java script and IOT **Team Size: 10**

<b>Carnegie Mellon University, USA</b>	<b>Research Associate</b>	<b>June 2015 to Jan 2016</b>
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Carnegie Mellon University is one of the top 10 universities in the world in the field of computer science. CMU accredits CMMI level ratings to Software companies all over the world.

**PROJECT 1: Core Java application for Cyber security [6 months]**

It's an ambitious tool that I ever implemented; it contains all the modern features in order to catch cyber criminals. As NDA signed, I cannot reveal all the details about this project

**Responsibility:**

- Leading the project, guiding and mentoring students
- Requirement Analysis, Design, Develop, Test and Deploy
- Actor and investigator profile, database Development, Drag and drop images
- IP lookup, snapshot, VoIP, Exif analysis, Gmail interaction through scripts etc...,

**Environment:** JAVA FX, java, HTML, Python, Java Script

**Team Size: 3**

**PROJECT 2: Mobile Eyries Application [2months]**

Design, develop and test entire android application. In this application we capture a photo from application layer and send to JNI layer, where Opencv library helps in eye authentication process. We use NDK build to create .so files and load from application layer.

**Responsibility:**

- Requirement Analysis, Design, Develop, Test and Deploy
- Integrate OPENCV library through NDK build
- Android UI development and Implement JNI functions

**Environment:** Android, java, SDK, NDK, JNI and OPENCV [C++]

**Team Size:** Individual

**Carnegie Mellon University, USA**

**IT Admin/Devops consultant**

**May 2014 to May 2015**

**Responsibility:**

- Managing the IT department, Troubleshoot Hardware, software and networking issues
- Research on server virtualization project which uses ZEN hypervisor
- Automation scripts for IT management, monitoring and tracking
- Create a customized ISO's for windows 7
- Server and Website management for departments

**Environment:** JAVA, Windows power shell, Python, CSS and HTML

**Robert Bosch Inc., Europe**

**Market and Tech Research**

**Aug 2013-Dec 2013**

**Bosch** is a German multinational engineering and electronics company headquartered in Germany. It is the world's largest supplier of automotive components. Bosch's core products are automotive components, industrial products and building products

**Project Summary:**

**Technical and Market Research** for Bosch to deploy its DIGITAL Thermal technology products in India

**Responsibilities:**

**Methodology:** Research and planning, Data collection, Data analysis and synthesis

**Primary research:** Quant and Qualitative Research, Mystery Audit, Face to face interview, group surveys.

**Secondary research:** Gathering key information from publications, government websites etc...,

**Environment:**

Microsoft office, Adobe Photoshop, Info graphics, Regression analysis and report

Team: 5

**TNS Global and IPSOS**

**Market and Tech Research**

**July 2013-Dec 2013**

TNS and IPSOS are two largest research agencies worldwide, they provide powerful insights on how to unlock the moments that will help business to flourish in competitive world.

**Projects:**

- Samsung Mystery auditing on Samsung showrooms and their Employees approach with customers
- Mobile Market Analysis, customer preference on new features
- Britannia customer analysis on food products
- Indian students' approach for UK University selection

**Responsibilities:**

**Methodology:** Research and planning, Data collection, Data analysis and synthesis

**Primary research:** Quant and Qualitative Research, Mystery Audit, Face to face interview, group surveys.

<b>Symphony Teleca, India</b>	<b>Software Engineer</b>	<b>Nov 2011 - Aug 2012</b>
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Symphony Teleca is a division of HARMAN International Industries, a company comprising 24,000 people in 40 offices across the globe. Symphony Teleca clients include independent software vendors, mobile device and solutions manufacturers and the connected, analytics-driven enterprise

**Project:**

Android mobile Development [Client: ST Ericsson]

**Project Summary:**

Develop android application for different network operators. We handle multiple android phones at same time. We customize our applications that suits the requirement.

**Responsibilities:**

- Android application development, telephony frameworks porting, Native applications.
- Implement API's for modem interface layer [RIL] for Renesas modem.

**Environment:** Android, JAVA, RIL, C++, ECLIPSE.

**Team Size:** 25

<b>LG soft India Pvt Limited, India</b>	<b>Software Engineer</b>	<b>May 2008 – Nov 2011</b>
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LG Soft India, the innovation wing of LG Electronics in Bangalore, is LG Electronics largest R&D center outside Korea. LGS focus on niche technology areas such as mobile application development, digital video broadcast and biometrics software and support LG Electronics with expertise

**Project Summary:**

COSMO 3D [LGE920], LG Optimus [LGP900], LG KF350 [Ice cream], LG GD580 [Lollipop], LG GD900 [Crystal] COSMO, Optimus and STAR are LG Smartphones projects, whereas LG KF350, LG GD580 are LG low end phones. We mainly work on Android application, Telephony, Security and Message modules implementing network requirements for UMTS & LTE

**Responsibilities:**

My responsibilities are design and implement android applications for messaging modules  
Implementing network requirements such as SPN-PLMN, emergency call, STK, SIM contacts, Network personalization, SIM lock, EAP SIM, SIP protocol, Implement flash message, excuse messages, message broadcast, Message format support for various languages [including Arabic], Cell broadcast etc.,

**Environment:** Android, JAVA, C, C++, ECLIPSE.

**Team Size:** 100+ [Indians + Koreans and FTE's]

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- Master's in Computer Engineering, **Carnegie Mellon University**, Pittsburgh, PA Dec 2014
  - Master's in Business administration, **Porto Business School**, Portugal, Europe , June 2013
  - BE, Electronics and Communication Engineering, **Anna University**, India - April 2007

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#### CERTIFICATIONS

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- **AWS Cloud Practitioner Essentials** from AWS Training and Certifications
- **Safe Agile Certified** from Scaled Agile Inc
- **Embedded Systems, Vector institute:** C, Linux, OS concepts and TCP/IP, RTOS-VX works, Keil
- **User Interaction and Game design course**, University of Texas, Austin
- **Certified system Architect** from Pegasystems

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#### PATENTS

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62175362: **USA**, Open App Software, Thermostat Based Touchscreen Device with Heat Isolation Design and Earthquake Detection Capability

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#### Extracurriculars

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- Lead Carnegie Mellon Cricket Club in Regional and National college tournaments
- Won several championships during college and intercompany championships
- Teaching technology to young students and job aspiring professionals