

Harsh Ranjan

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Professional agile technical program manager with 10 years of experience in various facets of project management. I have experience encompassing all aspects of Software development lifecycle together with leading and managing project and teams in multiple geographical locations

Core Competencies

Project Planning, Management and Execution

Software Development Lifecycle / Agile Methodologies

Team Building & Leadership

Stakeholder Engagements (Business / Client)

Software Development Framework

Innovation and Roadmap creation

System Design & Architecture

Profile Summary

- ▶ Expertise in Software Development Lifecycle (SDLC), right from customer discussion, project initiation, requirement analysis, project milestone planning, execution and delivery of proposed applications in Agile methodology (SAFE/SCRUM).
- ▶ Excellent analytical and quantitative skills and ability to use hard data and metrics (IRRR, Burndowns, OKRs, and KPI etc.) to back up assumptions and develop business cases in iterations.
- ▶ Superior people management skills. Managing up to 15 members and doing people management for the last 5 years and handling scrum teams across the time zones i.e. North America, India, and China of various sizes.
- ▶ Filed defensive publication Patent on **BLE_VEHICLE_PERSONALIZATION** and 3 white papers in Harman.
- ▶ Good hold in business process analysis and managed programs based process re-engineering, process optimization, and cost control & revenue maximization from technical solutions.
- ▶ Successfully handled and delivered multiple projects of different scale and complexity in multi-functional domains on Android platform, Automotive and IOT.
- ▶ Functional expertise in effective utilization of PM tools like **JIRA, Confluence , Rational Jazz Team Server (IBM), MsExcel, DOORS** for creating and tracking project and team metrics like Feature burndown, Sprint burndown, Team Velocity, IRR, OKRs, KPI, SRS, CRS etc.
- ▶ Good grip on wireless technology i.e. Bluetooth and Android framework with hands on programming experience with C++11/14, Python etc.
- ▶ Received regular appreciations from the clients and awards (Be Brilliant (2020,2019),BRAVO(2019), Employee_of_the_Month(2016),SPOT(2013)) senior executives for the quality of the deliverables and the completion of the project release milestones within specified budget and timelines.
- ▶ Core member of Innovation team in R&D department of Connectivity, Harman and handle product road map for Android product line.

Soft Skills

 Change Agent	 Collaborator
 Motivational Leader	 Communicator
 Innovator	 Planner

Hobbies

- Travelling and riding bike.
- Fitness and Bodybuilding
- Reading tech savvy articles and keeping up to date with technology.
- Reading historical events.

Education

- ▶ **2011:** B.Tech in Electronics & Communication Engineering from Cochin University of Science and Technology (CUSAT), Kochi

Organization: Harman International -- (Since Sept 2017)**Programs:** Connectivity Android Platform (FCA (R1, R2) , TATA , GM (MY20, MY21, MY22), GWM/BJEV)**Role:** Program Manager for Connectivity Android Product line**Responsibilities**

- Implemented agile management ideals by facilitating exercises such as Customer Discussions, defining Product roadmap, PI planning, Inspect and adapt workshop & Demo and mentoring team.
- Managed project/s timelines and involved in discussion with senior management staff and clients to ensure project progress satisfactorily.
- Enacted delivery upon completion of projects and ensure that delivery adheres to agile practices maintained by the company.
- Developed relevant metrics (IRR, Burndowns, OKRs, and KPI etc.) that help the team to see how they are progressing and provide management insight regarding the performance of the team and the health of project.
- Provided leadership in the establishment and development of project base line budgets, resource allocation, and schedules in individual and group situations.
- Managed Cross-Functional Scrum teams on ART to create success/acceptance criteria and communicated them to stakeholders.
- Liaised with enterprise team for resource management (ramp up/down) planning to meet project requirement.

Organization: DreamOrbit Infotech -- (Jan 2016 – Aug 2017)**Projects:** Buhler Rice Mill Automation, Dragon Sorting Machine , AnywarePro.com (Web/Mobile based IOT project)**Role:** Lead/Product Owner.**Responsibilities:**

- Developed, implemented and managed team metrics, evaluate team metrics and make recommendations to teams and management for improvements
- Worked with account manager to manage, support or create project budgets.
- Oversaw software developers' progress on application software and applied principles of agile methodologies to keep project on track.
- Coached team in optimal time utilization through concepts of scrum and agile management methodologies.
- Led sprint reviews and daily scrum meetings to touch base with whole team and ensure that all members were performing satisfactorily.
- Designed and Developed backend service which fetches data and controls from sensors and updates in database to be shown on Mobile App and Website.

Organization: SpanIdea Systems -- (Feb 2015 – Dec 2015)**Title:** Jaguar Land Rover and Maserati on UNIX Platform**Role:** Lead Engineer**Responsibilities:**

- Worked on development of an android integrated solution for wireless connectivity
- Worked on Feature enhancement of Phone Database service, Audio Streaming profile layer, Bug fixing and maintenance of Phone Connection service layer using HFP Bluetooth profile

Organization: Delphi Automotive (Aptiv) – (Jul 2011 – Feb 2015)**Title:** Ford Sync App Link and Volvo Infotainment ECU and Audio Head Unit**Role:** Senior Software Engineer**Responsibilities:**

- Worked on development of Mirror Link using android Open Accessory protocol (Google Auto Link (GAL)) which works for Mobile apps downloaded from Google Play store.
- Worked on Feature enhancement of Bluetooth HandsFree Profile, Bug fixing and maintenance of Phone Connection service layer.
- Design of complete application layer at system level, Development of application layer for USB.
- Worked on design and implementation of Vehicle modules like Tyre Pressure management system, Vehicle Cruise control, Trip meter etc.