

Bengaluru, IN  
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# Radhika Maiya

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## Work Experience

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<b>Sr. Technical Product manager</b>	<b>GE Transportation( Wabtec company)</b>	<b>July 2016 – Present</b>
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- Performed Product Owner role for 3 cross functional teams providing feature definition , product vision and have delivered incremental releases for customers which won contract of \$3M
- Worked with senior product managers to build long term product roadmaps, strategy and release plans and tracking the customer journey.
- Improved UX measures by 25% through increased customer feedback collection.
- Performed Design QA and provided insights on UI implementation and UX enhancements.
- Owned product roadmap and met 95% of all feature deadlines by proactively identifying and mitigating the cross-project dependencies.
- Reduced the 20% defects by supporting and reviewing the test plan and guiding team in creating the test scenarios.
- Implemented on multiple report with Power BI for multiple customers providing the monitoring facility.
- Supported program management to implement better strategies to work in agile environment and track the feature progress and notify customers on product deployment.
- Supported development team by continuously monitoring, gathering, and analyzing the data from the product deployed and provided insights to customer and product management on enhancements.
- Designed and implemented software developed in C++ to run within docker containers to provide communication interface between various types of event recorders, and other GE products using defined communication protocol and MQTT. Algorithm implementation in C++ to calculate fuel level in different types of fuel sensors and receive data via TCP.

<b>Software Engineer</b>	<b>Altair Engineering Inc</b>	<b>September 2015 – June 2016</b>
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- Implemented script in itcl/itk to upgrade the GUI to adhere OOPS concept providing better customer experience
- Fixed defects in the existing software in C++ reported by clients.

<b>Software Engineer</b>	<b>Robert Bosch Engineering and Business Solutions Ltd</b>	<b>August 2012 – August 2015</b>
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- Supported team in defect management and sub system requirement management.
- Lead team during audit to ease the communication with customer providing SDLC process data for entire project duration.
- Implemented tool to improvise data handling for any customer by auto code generation in C++ by gathering data from DOORS in XML format and further using XSLT script to obtain necessary changes reducing the development time required by 50%.
- Designed and Implemented software in C++ that stores data with high priority by blocking all other operation on crash detection.
- Designed and Implemented software in C++ to monitor the ECU's performance during software runtime by performing task aliveness monitoring.
- Designed and Implemented software in C++ to perform startup RAM test, startup CAN RAM test.

## Skills

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- Programming language: C++, Python, bash
- Tools: Power BI, Rally, Confluence, XWiki, Aha, DOORS, Coverity, Git, Jenkins
- Other: Integration management, Defect management, Requirement management, Planning and Prioritisation, Stakeholder management, Design QA, Agile product management

## Projects

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- **EdgeLINC** (<https://www.wabteccorp.com/digital-electronics/core-electronics-and-analytics/edgelinc>) IOT Platform for locomotives that provide edge to cloud connectivity, providing data analytics access and UI for customer to view the live data
- **HyperMesh** (<https://www.altair.com/resource/introduction-to-hypermesh>) Desktop Application the used to prepare even the largest models, starting from import of CAD geometry to exporting an analysis run for various disciplines.
- **Driver video assistance system** (<https://www.bosch-mobility-solutions.co.in/in/highlights/automated-mobility/driver-assistance-systems-and-security/driver-assistance-systems-for-passenger-cars/>) A product envisioned to provide the driverless cars

## Education

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Bengaluru, IN

Sir MVIT

June 2008 | June 2012

- B.E in Telecommunication engineering. GPA: 83.3

## Certification and Awards

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- **Certified Scrum Product Owner (CSPO)** (Scrum Alliance org) Aug 2020
- **Foundations of Project Management** (Google) Aug 2021
- **Technical excellence award** (Wabtec corporation) Aug 2019