

Tejus Satish

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Experienced software engineer and product owner with over 10 years in the industry. Skilled in software development and product management, I bring a unique perspective to projects. Currently serving as a product owner, leveraging technical expertise to drive successful product strategies. Diligent and detail-oriented approach consistently delivering high-quality results.

Skills

- C++ / Android / QNX / Linux
- Release planning
- Product lifecycle management
- Cyber Security / AI / ML
- Risk assessments
- Story planning

Work History

February 2024 -
Current

Product Owner & DR

Mercedes-Benz R&D India, Bengaluru, India

- Oversaw entire product deployments from vision and creation to rollout and delivery.
- Owned and prioritized product backlog.
- Collaborated with development teams on services and tasks.
- Focused on building critical features up front in order to identify constraints and technical challenges.

August 2022 -
February 2024

Technologist R&D - Magnetic Resonance Imaging

Philips Healthcare, Bangalore

- Collaborated with Royal Philips NV. Netherlands to develop solution for Philips products.
- Designed multithreaded C++/C# applications for MRI machines.
- Designed software on MRI sequences, MRI safety models and actively participated in code reviews.
- Optimized and developed complex physics algorithms for patient safety.

July 2019 - August
2022

Lead Embedded Software Engineer

GE Transportation, Bangalore

- Developed C++ applications for collision avoidance systems on Linux for mines in South Africa & Australia.
- Created algorithms for collision avoidance, TCP networks, SSL, SSH encryption, and AES encryption.
- Created software for GPS and Distributed Power (DP) systems for CP locomotives.
- Planned Agile V model SDLC and maintained legacy locomotive software on QNX RTOS and Linux.
- Responsible for patching security vulnerabilities, software integration, and

deliveries.

- Passed Six Sigma certification test.
- Award: Finalist in GE Chess Championship 2021.

July 2018 - July 2019

Senior Software Engineer I

Harman Connected Cars (Samsung), Bangalore

- Developed and designed C++ applications and middleware for automotive applications on Linux, Android, and QNX RTOS.
- Consulted with engineering staff to evaluate hardware-software interfaces and resolve customer problems.
- Performed systems analysis and programming tasks to maintain computer systems software.
- Implemented TCP socket programming and managed customer change requests.
- Created algorithms for adaptive radio signal optimization.
- Worked on satellite radios, DAB, AM, and FM applications.

September 2013 - July 2017

Senior Software Engineer I

Harman Connected Cars (Samsung), Bangalore

- Developed and designed C++ applications and middleware for automotive applications on Linux, Android, and QNX RTOS.
- Coordinated with engineering staff to evaluate hardware-software interfaces and resolve customer problems.
- Performed systems analysis and programming tasks to maintain computer systems software.
- Implemented TCP socket programming and managed customer change requests.
- Created algorithms for adaptive radio signal optimization.
- Worked on satellite radios, DAB, AM, and FM applications.
- Handled requirements and change requests for customers.
- Led C++ application development and interfaced components across locations.
- Managed AM FM DAB project-specific tweaks and features.
- Oversaw necessary IPC communications for project features.
- Participated in workshops and customer discussions in Karlsbad, Germany.
- Managed weekly software package delivery of Radio software components.
- Additional responsibility: Monitored and drove bug fixing activities.

Websites, Portfolios, Profiles

- <https://www.tejus.info/>

Education

Bachelor's in Electronics and Communication Engineering

NIT Karnataka (REC) at Karnataka