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| **Sonali Pujari**  Bengaluru · ***+91-9900590144***  **sonalipujari1994@gmail.com ·** [**https://www.linkedin.com/in/**](https://www.linkedin.com/in/)***sonali-pujari-b06334b0*** |
| Aspiring for a challenging position in a professional organization where I can enhance my skills and strengthen them in conjunction with organization’s goals. |

# Experience (6.4 Years)

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| May 2022 – presentSenior ENgineering management specialist, Hashedin by deloitte.May 2020 – April 2022Senior ENgineer, Continental Automotive Components (India) Pvt. Ltd.DEC 2018 – March 2020Product Engineer, Harman connected services |
| aUG 2016 – dEC 2018Associate Software Engineer, Robert Bosch Engineering and business solutions pvt Ltd |

# Education

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| june 2016bachelor of engineering, b.v.b college of engineering and tech. Stream: Information Science  CGPA: 9.21/10 AUGUST 2022PSPO 1 Certification, scrum.org |

# Skills

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| * Programming Language: C++, Java * ETL Tool: Git, Jira, Wireshark, Confluence, Enterprise Architect * Microprocessors: IMX6, Broxton, R-Car, NXP Goldbox, Raspberry PI, STM32. | * Protocols: AOAP, TCP/IP, MQTT * Operating System: Linux, Windows, Android |

# Activities

* Software professional working since **August 2016** in **C++, Java, Linux and Android.**
* **Working on Telematics POC using Raspberrypi and STM32 to collect data from various sensors and send the data to AWS cloud.**
* **Integrate fleetwise -edge and IOT-greengrass on NXP Goldbox to collect telemetry data from various ECU’s and transfer it to cloud for analytics.**
* Expertise in Creating UML diagrams for user requirements using Enterprise Architect tool.
* Working on Feature development of platform code for Android Auto.
* **Adding new user requirements to JAMA**.
* Creating code reviews and taking part in reviewing other’s code in Fisheye.
* Fixing the Bugs in the existing code.
* Fixing Code Sonar Warnings to align the code with MISRA Guidelines.
* **Unit Testing using JUNIT and Power Mockito**.
* UI development for FCA-R2 HMI applications.
* Feature development for Alexa related features.
* **Create Design Documents for complicated features and functionalities** in Confluence.
* **Creating Test Case document along with development testing**.

# pROJECT dETAILS:

# *Telematics POC on Raspberry Pi and NXP Goldbox*

## Integrate aNd Bring up Fleetwise edge and IOT greengrass on NXP goldbox

* Flashing Goldbox with GoldVIP binaries
* Enabling M7 core bootloader with hardware and software changes
* Creating campaigns and sending the can data using Carla simulation over USBCAN analyzer
* Collaborating the NXP community support to clarify blockers.
* Setup AWS services and create dashboards to visualize telemetry data using Amazon Quick Sight.
* Code reviews and handle a team of 7.

## Development on Raspberry PI to collect and send Telemetry data to AWS

* Develop features to collect data from sensors like GPS, MEMS and STM32 Microcontroller and send to AWS over MQTT.
* Collect CAN data using OBD connector using socket communication.
* Develop an algorithm to calculate approximate location of a vehicle in underground parking or vehicle in Tunnel scenario.
* Code reviews and handle a team of size 4.

# *Android development for FCA-R2 VNI-HMI*

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| Integrate aNd Bring up Alexa POI feature (Java/ ANdroid)  * Understanding the UI requirement and design the same * Analyze the DCI emits and Responses and handle the data to show detail view of POI and navigate to the POI on demand. * Automate the Alexa user Authorization as part of personalization concept.  Development support for various Application in the HU(JAVA/Android)  * Develop the UI using Responsive UI design concepts * Handler Launcher related activities using JSON. * Keypad validation for Radio, both FM and AM (USA frequency) * Dynamically handling the app size restrictions on various displays in the launcher. * Participate in code reviews for UI development. |

# *Smart Phone Integration in Vehicle Infotainment system*

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| Titan Android project for CARPLAY (Java/ C++/ ANdroid)  * Understanding various smart phone integration technologies to be delivered with this project. * Bug fixing in Android Auto and Carplay on Android OS Head Unit * Feature development for Carplay to meet the KPI’s and help with Apple certification  Bringing up the ANDROID AUTO projection over BT/WiFi (C++ / LINUX)  * With the release of GAL receiver 1.4 by google, understood the new changes to be introduced in the available stack and merge the GAL receiver. * Understood the design change and accordingly update the design and the logic to the platform code. * Bringing up the hardware with WIFI and Bluetooth compatibility.  Feature development and bug fixing for Android AUTO over USB (C++ / LINUX)  * Fixing the bugs reported by the customers with already delivered code and in the production environment. * With code changes done, testing the various platforms like IMX6, Renesas, Intel-Broxton and QNX virtual on Renesas for the Component functionality. |
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# AwardS & recognition

* **Awarded Fresher of the year 2016-2017 award @ Bosch**
* **Travelled to Germany, Hildesheim on Business Visit and collect Customer Requirements for Android Auto Wireless**
* Organize and manage “Innovate@workplace” event every week @ Bosch team.
* Submitted 4 Ideas in internal platform called Contivation of Continental.
* Organize Learn and Share sessions for Product Engineering Services team in Hashedin.

# Personal Details

* Date of Birth: 21st August 1994
* Gender : Female
* Hobbies : Reading Novels, Travelling, Working on POC’s
* Languages : English, German(A1), Hindi, Kannada, Marathi, Konkani.