

## DOMAIN EXPERTISE:

- Linux BSP
- FreeRTOS
- Linux Kernel Internal
- C and C++
- Communication Protocols
- Vehicle Networks
- Requirements Gathering and analysis
- ASPICE
- Linux ,Window,Ubuntu

## Tools:

- CANalyzer
- Eclipse
- LabVIEW
- Jira
- Capital Networks
- RTC
- Virtual Machine
- Polyspace

## Contact:

[geethabarla9.5@gmail.com](mailto:geethabarla9.5@gmail.com)

8074671914

## NAME:Geetha Barla

Overall experience of 3.4 years in both Linux BSP domain and System engineering.

- Experience in system engineering for requirements understanding and analyzing from SRS documents and requirement gathering and analysis, spec preparation.
- Experience in **In-Vehicle EE Architecture Network design**.
- Good Experience in **Linux BSP, C and C++**.
- Experience in Real-Time Operating System concepts.
- Experience in Handling Change Request tickets in RTC and JIRA.
- Experience in Validation and Verification of HUD unit in a vehicle using **CANalyzer**.
- Proficient in static analysis using **Polyspace, MISRA-C & RTE** guidelines.
- Knowledge in Basic Socket programming in (TCP/IP, UDP/IP) for both IPV4 and IPV6.
- Experience of V-Model Lifecycle in embedded system development and implementation including Requirement analysis, Design, Coding, Testing, Debugging, Maintenance and Documentation.
- Knowledge in **Unit Testing**.
- Worked on Jira, RTC,DOORs.

## SKILLS SUMMARY:

- Worked as Team member for In-Vehicle EE Architecture Network design Project for UK client.
- Worked in NSI project as System engineer.
- Requirement gathering and spec preparation for HUD for NSI Project.
- Did the Impact analysis, Trade study, concept generation for the requirement and perform the network design on Multi-CAN, LIN, Flex ray Busses using Capital Network Tool for JLR Project.