#### ALAPAKA PRASANTHI

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**OBJECTIVE**

Seeking a dynamic role in an innovative environment that encourages ideas, continuous learning, and provides opportunities to apply and enhance my technical skills. Aspiring to contribute effectively to organizational growth while advancing my expertise in embedded systems development.

**PROFILE SUMMARY**

* Having around **2.5 Years** of work Experience in Embedded system developmentwith Automotive Infotainment application development for Car Head Unit.
* Hands-on experience in **Automotive Infotainment IVI S/W** development.
* **Experience in Software Development Life Cycle (SDLC),** including requirement analysis, design, development, testing, and deployment.
* **Proficient in C/C++(11&14) programming** for embedded application development.
* Proficient in **Linux commands** and version control tools like **Git** for efficient repository management, including branching, merging, and conflict resolution to support seamless collaboration within development teams.
* Involved in **bug fixing** and resolving issues to improve software performance.
* Collaborated in **Scrum-based agile development** environments, actively participating in sprint planning, daily stand-ups, and retrospectives to drive project progress and continuous improvement.
* **Exposure to static code analysis tools** like **Klocwork** to ensure code quality and compliance.
* Knowledge of **GDB** for debugging including breakpoints, step execution, and crash analysis.
* Familiar with fundamentals of **Real Time Operating Systems (RTOS).**
* Basic Knowledge of the **CAN (Control Area Network**) protocol.

**ACADEMIC DETAILS**

* B.TECH in ECE from Geethanjali Institute of Science and Technology -2023 with distinction.

**WORK EXPERIENCE**

* Working as a Software Developer for **TECH MAHINDRA**, Bangalore from August 2022 to till the date.

**PROJECT**

**TITLE : Application development for Car Head Unit.**

**Languages used** : C, C++

**Role**  : Developer.

**Team Size**  : 10

**Description:**

This project is development of Applications for Infotainment Systems for Cars. This will provide the interface between the user and Infotainment Systems. Here supporting feature implementations and enhancements for Infotainment systems. This HU contains four modules which are General Settings, multimedia, communications and Navigation. Developed and supported the features Implementations for Settings applications.

**Individual Responsibility:**

* Understanding of the Automotive Application framework Architecture.
* Support of Application module enhancements based on requirements.
* Feature enhancements.
* Involved in bug Fixing implementation related issues.
* Involved in Unit testing and release process.

**TECHNICAL SKILLS**

* Languages : C , C++
* Operating Systems : Windows, Linux
* IDE’s : Visual Studio, VI
* Other tools : Git, Klockwork, Jira

**PERSONAL PROFILE**

* Gender : Female
* Date of Birth : 14-07-2002
* Nationality : Indian
* Languages Known : English ,Telugu

**DECLARATION**

I hereby declare that all the information mentioned above is true to my knowledge.

**Place:** Bangalore

**Date: (**ALAPAKA PRASANTHI**)**