

## KOUSHIK MG

### OBJECTIVE

To gain Skills, Experience and to further my career in your organization. To adapt with changing trends of technology by constantly upgrading my technical skills and knowledge in interest of personal as well as organizational growth.

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### SUMMARY

- I have 4 Years of experience in **Automotive** application development
  - Hands on Experience in **C++ Programming**
  - Hands on Experience in **Audio and Setting** infotainment application development.
  - Hands on Experience in **Integrated System** application development.
  - Hands on Experience in **Commination Protocol (MQTT)** development.
  - Good understanding of **SDLC**.
  - Good understanding of various tools like **QNX, Visual Studio, Polarian, GIT and SVN**.
  - Good understanding **Jira** bug fixing and bug tracking.
  - Good understanding of Unit Testing by using **GlowWorm** tool.
  - Good understanding in working with **Agile projects**.
  - Having good understanding on **RTOS** concepts.
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### PROFESSIONAL EXPERIENCE

#### Total Professional Experience: 5 years

##### Wipro Ltd (2 Year)

16/07/2017 – 12/07/2019

**Brief:** This project is the development of Applications on Automotive infotainment System's. In this project we support development of AUDIO and SETTING applications based on the customer requirements and also enhancing the features. Infotainment systems in automotive industry deliver entertainment and information based on the customer requirement.

**Designation:** Software Engineer

**Projects:** Application Development on Automotive Infotainment Head Unit

**Role:** Software Developer

**IDE:** Visual studio

**Skills:** C++ Programming

#### Responsibilities:

- Developing the applications based on customer requirements.
- Support of enhancing features based on change requests.
- Involved in Fixing code analysis related issues.
- Addressing all reported bugs through Jira.
- Good understanding of Software Application Architecture.

**Caterpillar Inc(3 YEARS)**

30/07/2019 – present

**Brief:** Development of Integrated System (FIRE) for Progress Rail which acts as an interface between the user (Technicians) and the entire railroad electronics.

Supporting role in Bug Fixing, Adding new Feature.

**Designation:** Software Engineer

**Projects:** Remote Software Upgrade, IntelliTrain Log Push.

**Platform:** QNX, Linux Platform

**IDE:** QNX Momentics IDE

**Skills:** C++ Programming, Linux, Requirement Analysis, Sprint Release.

**Responsibilities:**

- Understand and Clarify the requirements from System Engineer
- Implement, Integrate, Build and Functional testing the developed software against test cases derived from requirements.
- Review the quality of the developed code using code checker tools to check for inconsistencies as per coding standards
- With a self-review, send the task for formal review and fix review points
- Close the task with quality after successful validation

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**SKILLS**

**Programming Languages:** C, C++, Linux Command.

**Communication Protocols:** FTP, SFTP, MQTT, HTTP

**Operating Systems:** Linux, Windows

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**TOOLS KNOWN**

**Requirement tracking:** Doors, Polarian

**SCM tools:** BitBucket GIT, Code Collaborator, SVN.

**Editors:** QNX Momentics, Visual Studio, Understand C/C++, Notepad++

**Others:** Beyond Compare, PRC

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**EDUCATION**

B E (Computer Science and Engineering) completed with **65.11%** from AIT, Chickmagaluru.

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**PERSONAL DOSSIER**

**DOB:** 28th Oct 1994

**Sex:** Male

**Marital Status:** Single

**Father's name:** Manjunatha Swamy

**Languages Known:** Kannada, English, Telugu, Hindi.

**Contact Number:** +91-8147633162

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