**Vinay Kumar CH (Automotive Software Engineer)**

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# Summary:

* Having Total 2 Year Experience in **Automotive Embedded Software Development and Testing** Domain, Expertise in Testing software using **Embedded C, Eclipse IDE, STT testing Tool, Isystem Debuggers.**

## Having experience in Bootloader..

## Having experience in Unit testing

* Having experience on Testing Tools like **Isystem, Jenkins, STT**.

## Having experience with Eclipse, GIT, Gerrit, Jenkins testing, Jira.

* Worked Automotive Hardware ECU **RH850.…**
* Knowledge in coding standards, **CAN protocol, Unified diagnostic services, Reprogramming sequence and CANtp (CAN Transport Layer).**
* Good Knowledge in Communication Protocols like **UART and I2C.**

# Technical Skills:

* **Programming Language**- Embedded C and C Programming.
* **Development Tools/Software**- Eclipse IDE.
* **Automotive Protocols**- CAN, UDS.
* **Automotive Testing Tools**- WinIdea Isystem, Jenkins.
* **Microcontrollers-** RH850.
* **Testing Tool-** STT (Software Testing Tool).
* **Version Control/Configuration Management Tools-** GIT.
* **Requirement Tracking Tools –** Gerrit.
* **Communication protocol –** UART, I2C and SPI.

# Education:

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| --- | --- | --- |
| **Degree/Course** | **Board/University** | **Name of the Institution** |
| Bachelor of Engineering | JNTU KAKINADA | ECCT, Eluru |
| PUC | STATE | Sri Vidyalaya Jr College |
| SSLC | STATE | Sri Vidya Public School |

**PROFESSIONAL EXPIRIENCE:**

Working as **Automotive Embedded Software Development and Testing** in Geneca Solutions pvt ltd from May-2019 to till date.

PROJECT:

DFL(Unit Testing):

* Domain : Automotive
* Role : Software Engineer.
* Tools : GIT, Eclipse IDE, STT testing tool, Jenkins etc.

**Roles and Responsibilities:**

* Analyzing and understanding the customer specific requirements.
* Do the necessary configuration.
* Creating Stub file.
* Creating test file by.
* Justifying the Statements.
* Using MC/DC coverage.
* Maintaining the Coverage should be 100%.
* Generating the Report.

**Bootloader (Body Control Module)**

* Domain : Automotive
* Role : Software Engineer.
* Tools : WinIdea, GIT, Eclipse IDE, Isystems Debuggers, Jenkins etc.

**Roles and Responsibilities:**

* Analyzing and understanding the customer specific requirements.
* Do the necessary configuration.
* Diagnostics- Run the reprogramming sequence and make sure application flash is successful.
* Testing Modules
* Customer Release and Engagement for bug fixes.

# Declaration:

I do hereby declare that the above information is true to the best of my knowledge and belief.



(VINAY KUMAR CHANDA)