Venkata Viswanadh P

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Professional Summary:

- I have Total **2 years 8 Months** of Industrial Experience in **Embedded Systems** applicationdevelopment on **Linux based automotive** systems &**ADAS** Projects and **Automotive Testing** (**V&V**).
- Good in developing applications with **C & C++**.
- Good in **Vector Cast** Tool.
- Experience in writing and executing **system** level **test cases**
- Experience in **Unit** testing, **Integration** testing and **functional** testing
- Good in core dump analysis with **GDB** tools.
- Good in understanding **JIRA** bugs and fixing it.
- Experience on performing **Unit & Integration Test functionality** of product.
- Good in **Hardware** Troubleshooting.
- Experience using industry standard software development tools (**GIT / DOORS**).
- Good understanding of **SDLC**.
- Good understanding in working with **Agile Scrum enable**d projects
- Knowledge on **Oscilloscope, Multi-meter,** and **Logic Analyzer**.

Education:

- Completed Bachelor's Degree with **78**% from **GITAM University,** Visakhapatnam, 2017.

Technical Skills:

Programming Languages	: Embedded **C, C++, C#, HTML and CSS.**
Tools	: **GTest**,**VectorCAST**, **Kiel µVision 5, Visual Studio, VIeditor.**
OS	: **Windows 7/10, Linux**

Professional Experience

- Worked as, a Software Engineer at **UJR Corporate Solutions Pvt Ltd**, since February **2020**

Project: 1

Title: ADAS Projects.

Languages: C, C++

Role: Software Engineer

Tools: Vector Cast, Source Insight, Visual Studio, JIRA.

Description:

Performing Continues Dynamic Integration and unit testing of Automotive Projects such as ADAS PRK & Cluster Projects for Unit & Integrationusing with VectorCAST tool to cover the Function call coverage and Branch, Statement coverage for various tests like boundary value analysis and functional testing with ISO Automotive standard tool like VectorCAST from VECTOR Company.

Roles and Responsibilities:

- Executed test requirements and procedures.
- Outlined engineering and legal requirements and handled development of tests.
- Evaluated data analysis and feedback and coordinated with internal and external component and development engineers
- Formulated detailed test procedures.

Project: 2

Title : Automotive application development for Vehicle Control System.

Team Size : 10

Languages : C, C++.

Role : Developer.

Description:

This project is the development of Applications for Smart Control which was used in the Vehicle Controlling through touch interface. Here we develop and enhance applications like Settings and sensor applications based on the Spec. Typical tasks that can be performed with an in-vehicle control system include managing and system general Settings Screens modules.

Roles and Responsibilities:

- Understanding the various control interfaces in the vehicle based on the spec.
- Involving in Software release process.
- Involved in Fixing implementation related issues.
- Addressing all reported Bugs.