B Ravi Kumar

Email: **battularavikumar11**@gmail.com
Phone no: **+919347167039**

CAREER OBJECTIVE:

I want to achieve a remarkable position in my career where I could be recognized as an expert resolving every task assigned to me. To excel in IT industry and possess every goal assigned to me in effective way.

CAREER SUMMARY:

- ❖ I have **2 Years 8 Months** of experience in **Embedded Systems** development and **Testing (V&V)** activities on **automotive ADAS Projects**.
- ❖ Proficiency in working with **Embedded C**, **C++(oops), 11 Version.**
- ❖ Experience on **Unit** & **Integration Testing** using **VectorCAST** tool.
- ❖ Experience in **Unit testing, Integration testing and functional** testing
- ❖ Experience on doing **UT** with **Google Framework** (**GTEST**).
- ❖ Good in understanding **Jira** bugs and fixing it.
- ❖ Good understanding of **Linux internals**.
- ❖ Knowledge of controllers like **AT89S52** (8 bit), and **STM32** NUCLEO (64 bit).
- ❖ Experience using industry standard software development tools (**GIT** / **DOORS**).
- ❖ Good understanding of **SDLC**.
- ❖ Good understanding in working with **Scrum enabled projects**.

TECHNICAL SKILLS:

Programming languages	**:** C, C++
Operating systems	**:** Linux, Windows.
Version control	**:** SVN, GIT
Tools	**:** Visual studio, VectorCAST, Source Insight, JIRA.

professional Experience

Currently working as **Software Engineer** at **UJR CORPORATE SOLUTIONS Pvt Ltd**, since February , **2020.**

ACADEMIC RECORD:

B. E, (Electronics & Communication Engineering) from NOVA INSTITUTE OF ENGINEERING & RESEARCH. 2015, NILAGIRI, with 73%

Project :1

Title: ADAS Projects.

Languages: C, C++

Role: Software Engineer

Tools: **VectorCAST**, Source Insight, Visual Studio, **JIRA**.

Description:

Performing Continues Dynamic Integration and unit testing of Automotive Projects such as ADAS PRK & Cluster Projects for KPIT for the clients AUDI, BMW, FORD. For Unit & Integration Testing using 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.

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   : Aerial View Monitoring System (AVM) for ADAS Projects.
Team Size   : 6
Languages/tools used   : **C, C++,** Linux, Jira, Visual Studio, **VectorCAST**.

Description:

AVM (Aerial View Monitoring system used for parking vehicles and it is mostly used for blind spots while parking the vehicle. **AVM** has different variants while each variant is designed for specific projects like DL3, Fail Safe etc. And also, dynamic testing for various projects like ADAS, Air Suspension.

Roles and Responsibilities:

- ❖ Setting up the Environment on VectorCAST (UT&IT)
- ❖ Executing the uncovered code by writing the User test cases.
- ❖ Preparing the UTR (Unit Test Reports) after completion of execution.
- ❖ Execute the Unit Testing and Integration Testing in VectorCAST (2019, 2019sp1-sp3).
- ❖ Good Knowledge in Validation Process.