

Saichandu Veldand

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Career Objective

To excel in my field through smart work, research, skills and perseverance. To reach the highest echelons in an organization with hard work and dedication, constant endeavor to perform better and give results.

Professional Abridgement

- An accomplished Automotive Software Engineer for about 4+ years of experience.
- Hands on experience in Power Train Domain, Passive safety testing Airbag module.
- Having Hands on experience in Integration and software Build.
- Having Hands on experience Autosar BSW configuration such as CANSTACK, LINSTACK, IOSTACK BSWM, ,MCAL
- Having Hands on experience Autosar configuration & Testing such as ADC, DIO, PWM, ASICs etc.
- Good knowledge on **ISO-26262** Functional safety concepts.
- Good experience on Testing using Vector Canoe, Vector CANalyzer, INCA, UDE (debugger tool)
- Having Hands on experience in HIL TESTING, Debugging the code.
- Having Good Knowledge on Autosar Architecture

Experience

Tasks handled for Platform Team (Power Train ECU) (Dec 2021 – Till Present)

- Company : Bosch Global Software Solutions
- Title and Dept. : Senior Engineer
- Client : Platform team for Chinese OEMs.
- Team Size : 10
- Project Details : Power Train ECU.
- Environment : Software Integration and Software Build, INCA, Labcar, UDE
- Description : Autosar Configuration, software build and testing as per platform specific requirements.

Roles & Responsibilities

- Configuration and Integration of BSW modules as per customer requirement.
- Software build and creating baselining of SW.
- Integration Testing , Code coverage and Static Reviews.
- Analysing the requirement documents.

Tasks handled for FCA (8HP Engine) (Mar 2021 – Dec 2021)

- Company : ZF India Private Limited
- Title and Dept. : Engineer
- Client : FCA.
- Team Size : 8
- Project Details : 8HP Engine for FCA.
- Environment : CANoe, CAPL, Vector Panels ,CAN-FD, Dspace.
- Description : Middleware Testing for FCA project
Testing various modules like Proxi, UDS

Roles & Responsibilities

- Creating Testplan, Testcases, Test execution as per customer requirements.
- Responsible for HIL testing such as modules Diagnostics, canframe testing, Error handler.
- Analysing the requirements and freezing the test cases in Doors.
- Automating the testcases using EXAM tool.
- Reporting the bugs in testing and tracking.

Tasks handled for HKMC (Airbag Control Unit validation) (June 2019 – Mar 2021)

- Company : Veoneer India Private Limited (parent company : HCL Technologies)
- Title and Dept. : Software Engineer
- Client : HKMC.
- Team Size : 8
- Project Details : ACU System validation for SC2 Platform.
- Environment : CANalyzer, CAPL, Vector Panels ,CAN-FD ,ARIA.
- Description : System validation for ACU for HKMC customer ,
Testing various modules like EDR , EOL , ENS , Loops , ISO SCRAP, CAN-D and CANC .
Analyzing System requirements for Functional safety (ISO-26262 Part 6 Software Qualification).
Test case design and execution for Functional safety system requirements (Level 30) as per ASPICE Compliance.

Roles & Responsibilities

- Creating Testplan, Testcases, Test execution as per customer requirements.
- Responsible for Validation testing such as modules Diagnostics, canframe testing, Error handler,EDR, Buckle sensor.
- Analysing the requirements and freezing the test cases in code beamer
- Execution the testcases using Automation tool.
- Reporting the bugs in testing and tracking.

Training at Vector Institute

Taken Advanced Embedded Systems Course at vector Institute in Bangalore for 6 months.

Technical Skills

Programming Languages	: C, CAPL, Embedded C.
Tools	: Canalyzer, Canoe, INCA, UDE, Ascent, ECU Test
Configuration Management	: IDM Rational Doors, PTC Integrity Client, Clear Quest

Personal Profile:

DECLARATION

I hereby declare that the information furnished above is true to best of my knowledge and references for the same will be provided on instruction

(Saichandu V)