

## ANIL ANANDRAO BOROD

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### CAREER OBJECTIVE

Seeking position with new & exciting challenges which help me to go for excellence & become valuable part of the organization's growth.

### EXPERIENCE SUMMARY

- I have 4+ years of experience in Model Based Development & Testing.
- Currently working with L&T Technology Services Pune, Since August 2022 as MBD Developer & Tester.
- In Transfilter Software Solution Services Pvt Ltd Pune, I have done from March 2019 to August 2022 as MBD Developer & Tester.

### PROFESSIONAL WORK SUMMARY

- Responsible for Analysis of Customer **Requirement (SSR, SRS) & Design Test Cases/Specification**
- Responsible for Developing **Matlab(Simulink/Stateflow Models)** for functional requirements.
- Responsible for static check Axivion violation, **Modelling Guidelines MAAB, MISRA& ISO26262(Part6)**
- Responsible for **Auto-code generation** In Embedded Coder / Ford Adapter /Targetlink
- Hands on experience in **Coverage Analysis(MCDC), MIL &SIL/Back to Back Testing in Test Manager, TPT16u.**
- Experience in **V-model Methodology, Agile, ASPICE & AUTOSAR(ASW)**
- Responsible for Developing **Data Dictionary** for models in Simulink and ICE.
- Responsible for test bench setup and Knowledge of **CAN Protocol, UDS.**
- Responsible of designing **test cases/specification with simulation/execution/Traceability.**
- Flashing of Software in **ECU with Lauterbach Debugger, TRACE32**
- Responsible for **End to End Testing**, Review of **Test cases/Specification.**
- Responsible for Verification of Unit Model, Test Artifacts, **Report generation for FUSA.**
- Responsible for **SDD, Implementation, UT& IT.**
- Responsible for Change Analysis, Change Order and refinement.

### Tools & Technologies Skills:

<b>Design Tools</b>	MATLAB, Simulink, Stateflow, Targetlink, TPT16u, MXAM, CANoe, EA, Git, INCA, Dyfasim, FAMOS, Axivion, Astree, CTCpp,
<b>SLDC</b>	PTC Integrity 11/Windchill, JIRA, JAMA
<b>Add-on Tools</b>	SLDV, Model Adviser, Polyspace, Requirement Editor, MIL/SIL Verification, Embedded Coder, Test Manager, Ford Adapter, GUI Tool
<b>Guidelines</b>	MAAB, MISRA, ISO26262,
<b>Protocols</b>	Basic knowledge of CAN, UDS
<b>Languages</b>	Basic of C, Embedded C, M-Script
<b>Environment &amp; Technology</b>	ASPICE, AUTOSAR(ASW)
<b>Flashing</b>	Lauterbach Debugger TRACE32

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## EMPLOYMENT SUMMARY

**1 L&T Technology Services Pvt Ltd Pune, Maharashtra, India. (2 years)**

**2 Transfilter Software solution services Pvt Ltd Pune, Maharashtra, India. (3 years)**

**1. Project Name:** Change Analysis of e-Axle Components

**Duration:** 10 months

### Roles & Contribution

- Responsible for Analysis of Requirements, Design, Interfaces & Implemented Logic.
- Responsible for SWC level updates, Anchor updates for Traces requirement, Interface specification updates.
- Responsible for Implementation with Simulink/Stateflow models, Hand written C-code Part.& ICE changes, Calibration update, Autocode Generation.
- Responsible for Local Builder Run (Static Checks), MAAB guidelines, Astree & Axivion Violation
- Responsible for UT, Create Test session, TPT Test cases update, Run Test cases & Report generation
- Responsible for update assesslet in TPT by using m-scripting, add test cases
- Responsible for IT, Standard, actual, Free, Update test scenario in Dyfasim, generate .dat file, Create ccv file using .dat, generate mdf file from
- Run standard/actual/free integration test and attach report in test report

**2. Project Name:** ADAS-Toliman Functional Safety

**Duration:** 1.5 Years

**Tools:** MATLAB, Simulink, Stateflow, Test Manager, Requirement Editor, MIL/SIL Verification, Git/Tortoise, FORD Adapter,

### Role & Contributions

- Responsible for SSR Analysis, Designing Test Cases/Test Specification with SSR Traceability
- Responsible for End to End Testing
- Responsible for Auto Code generation, Coverage Analysis (MCDC, Decision, Condition), MIL, SIL/Back to Back testing
- Responsible for verification of model as per SSR

**3. Project Name:** ADAS - Mirror Integrated Camera

**Duration:** 1 Year

### Role & Contributions

- Analysis of SRS, Code, Designing Test Cases, Test Script for Automation
- Responsible for Software Integration and Qualification Testing
- Execution of Test Script & Debugging
- SRS Review with Requirement team & Co-ordinate with BSW team
- Defect Finding in code
- Helped in setting up test bench setup Environment
- Flashing of Software in ECU like Lauterbach, V-Flash etc.
- Responsible for Working on SWIT& SWQT

**4. Project Name:** Analysis of BMS Protection

**Duration:** 1.5 Year

### Role & Contribution

- Analysis of the client requirements
- Responsible for Models Development as per requirements
- Responsible for Model Testing and DD creation
- Responsible Code generation, MIL& SIL Testing by using GUI Tool
- Responsible for MAAB guideline passing in Model Advisor

## **EDUCATIONAL QUALIFICATIONS**

- **B.E. in Electrical Engineering (2014-2017)**
- College: BSCOEAR (JSPM Group) Narhe, Pune
- University: Savitribai Phule Pune University, Pune, Maharashtra, India
- Percentage: 64.8% Grade: First Class
  
- **Diploma in Electrical Engineering (2011-2014)**
- College: Government Polytechnic, Awasari, Pune
- Board: MSBTE, Mumbai, Maharashtra, India
- Percentage: 65.41% Grade: First Class

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## **PERSONAL DETAILS**

- Date of Birth: 7<sup>th</sup> June 1992
- Language Proficiency: English, Hindi, Marathi, Telugu.
- Nationality: Indian
- Marital Status: Married

## **DECLARATION**

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I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Date:

Place: Pune

**(Anil Anandrao Borod)**