AKASH DHARWADKAR

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Professional Synopsis

- A result oriented professional with 3.5 years of experience in Development & Testing.

- As a MBD Developer, I have been handling multiple tasks in MATLAB, Simulink, Stateflow, MIL and SIL.

- Having an experience of MIL testing, Unit testing.

- Hands on experience in testing methodologies like MIL and SIL.

- Excellent knowledge in software Development Life Cycle & Modeling Methodologies.

- Involved in project planning & resource planning.

- Able to write test cases with respect to requirements for unit testing.

- Knowledge of functional safety and its parameters.

- Worked on model based designing in MATLAB Simulink.

- Awareness of MAAB and MISRA C guidelines.

- Auto code Generation using embedded coder and also having knowledge of Target link.

- Participate in peer reviews for software documents such as requirements, design, test plan and code reviews.

- Verification & Validation using unit testing and MIL/SIL testing.

- Willingness to accept multiple responsibilities and fulfilling the expectation of all responsibilities delegated.

- Capable of contributing either individually or in team by taking up tasks and deliver with good quality on time from start to completion.

Sodexo Ltd:
Position: MBD Developer
Duration: 10th January 2022 – 24th July 2023

Tasks

- Creating the model as per customer requirement.
- MIL testing, C code generation and SIL testing.
- Involved in daily basis tasks of generating C code from MATLAB model.
- Review the work with team.

Project: To develop a model for Automotive Sunroof Control System

Responsibilities

- Developed model as per client requirements
- Verified model using model advisor tool
- Carried out coverage analysis using Model Coverage
- Functionality testing of model using MIL testing
- Verified generated code of model using SIL testing

BUOYANCY CONSULTANTS & ENGINEERING LLP
Position: System Engineer
Duration: 6th August 2019 – 26th September 2020

Project: To develop a model for Vehicle Speed Control

Responsibilities

- Developed model as per client requirements
- Verified model using model advisor tool
- Carried out coverage analysis using Model Coverage
- Functionality testing of model using MIL testing

Additional Information

- **Tools**: MATLAB, Simlink and stateflow.
- **Testing methodologies**: MIL and SIL
- **Other tools:** Model Advisor and Model Coverage
- **Guidelines:** MISRA and MAAB

Education Qualification

- **GOA COLLEGE OF ENGINEERING** –
  B.E in Mechanical Engineering: 69.4%

- **Fr. AGNEL MULTIPURPOSE HIGHER SECONDARY SCHOOL**: 79.3%

- **St. ANTHONY'S HIGH SCHOOL**: 83%,

Personal Details

- Father's Name: Tukaram Dharwadkar
- Mother's Name: Shoba Dharwadkar
- DOB: 12th March 1997
- Hobbies: Football, Bike Riding, Trekking.
- Language: English, Hindi, Marathi, Konkani.

Declaration

I hereby declare that the above mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Date: **Akash Dharwadkar**