

GURUGUBELLI LAKSHMI PRASAD

Embedded software engineer/Model based Developer

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SUMMARY

- An engineer with positive attitude having great experience working on model based development with Matlab.
- Worked on MATLAB, Simulink model designing along with state flow.
- Knowledge on Development of custom libraries, Auto code generation.
- Executed different test procedures like software in loop testing and model in loop testing, Simulink coverage.
- Knowledge on control algorithm modelling guidelines using MATLAB Simulink.
- Implementation of software development cycle
- Ability to apply principles, concepts of the technical domain and understanding of other related specialty areas.

EXPERIENCE(2 YEARS)

Algorithm Engineer[Powertrain Department]

Renault Nissan Technology & Business Center India

📅 08/2022 - Present 📍 Chennai

Onsite deputation by CAPGEMINI Engineering

Project name : KH2T, MR14

- Worked on models of engine, performing model development using simulink, Matlab.
- Created numerous HIL Test plans by analyzing the logic of the models with perfection.
- Worked on FULL MIL simulation and monitored various signals and its performance on the engine system model.
- Performed model coverage with testcases (MCDL).

Model based developer

Capgemini Engineering

📅 06/2021 📍 Bangalore

Project name : NV400 EFI

- Worked on development of Intake air temperature strategy along with Development of the model using simulink and Matlab in Electronic Fuel Injection project.
- Performed designing the model for destination signal lights of the vehicle and wipers and washers model strategy along with designing using simulink and Matlab.

EDUCATION

Bachelors Of Technology(Btech: ECE) - 65%

Raghu Engineering College

📅 05/2019 📍 Visakhapatnam

Intermediate-Maths,Science - 92%

Narayana Junior College

📅 05/2015 📍 Visakhapatnam

10th CBSE - 92%

Vikas Vidyanikethan

📅 04/2013 📍 Visakhapatnam

SKILLS

MATLAB

Simulink

Stateflow

Mcapp

HIL Test plan creation

Model In Loop(MIL TESTING)

Reactis for Model coverage

C-programming language

ACHIEVEMENTS



PAT on the back

Appreciation for on time deliveries.



Best captain

Won inter school competition in Volley ball.

STRENGTHS

Commitment towards work, Patience and Time management

Adaptability, Quick learner

LANGUAGES

English, Telugu, Hindi

PERSONAL DETAILS

Date Of Birth : May23, 1998

Nationality: Indian

Marital status : Single

DECLARATION

I hereby declare that the above furnished details are true to the best of my knowledge.