# Benoy Majumder

**ADAS Engineer** 

Complete knowledge in ADAS Features & System Safety Analysis, HIL Validation



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## **EDUCATION**

**Master of Technology**Maulana Abul Kalam Azad University of Technology

2019 - 2021

West Bengal, CGPA-7.06

Courses

 Microelctronics and VLSI Technology

Bachelor of Technology
JIS College of Engineering

2014 - 2018

West Bengal, CGPA-8.71

Courses

Electrical Engineering

## **WORK EXPERIENCE**

# **Assistant System Engineer** Tata Consultancy Services

10/2021 - Present

Bangalore, India

#### Responsibilities

- Develop and deploy consistent approach to safety of the intended functionality (SOTIF) for assigned ADAS Features as part of an overall System Safety Case approach.
- Responsible for Test scenario (input) creation in CARSIM and Test execution in VT/dSpace System based HILS Environment.
- Understand customer requirements by participating one to one meeting with customer and proactively helping offshore members to report the daily/weekly status.
- Test specification creation and case development for the testable requirement. (Functional and System)
- Assist with data analysis on root cause with Validation Engineers, Feature Integration Engineers.
- Responsible for data validation for Super Cruise self-driving features.
- Collaborate with Engineering Managers, Product Managers and all relevant partners to ensure design, implementation and programs are on track.

#### AWARDS AND RECOGNITION

JIS College of Engineering (2014 - 2021)
4th Year Topper

Tata Consultancy Services (2022)

On the Spot Award(Certificate of Excellence)

Tata Consultancy Services (2022)

On the Spot (Team) Award - In appreciation of outstanding contribution

### **SKILLS**

Brake & Steering system Validation Engineering knowledge

Scenario modelling & Auto generation of scenario variation in Carsim

Test bench, dSPACE / NI HIL, Vector CAN device and Vehicle testing Knowledge

XTOOL

Python

CAPL

### **ACADEMIC PROJECTS**

Development of Battery Monitoring System and Estimating SOC of Li-Ion Battery for Off-Grid Application (2019 - 2021)

https://www.irjet.net/archives/V8/i5/IRJET-V8I5713.pdf

## **CERTIFICATES**

Automobile Services (2019)

Hiferk Technologies Pvt. Ltd.

Basic Python Programming (2021)

Tata Consultancy Services

# **LANGUAGES**

English

Full Professional Proficiency

Hind

Professional Working Proficiency

Projicie

Bengali

Native or Bilingual Proficiency

#### **HOBBIES**

Cooking

Bike Riding