

RESUME

KOKILAVANI V

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CAREER OBJECTIVE

An automotive enthusiast with 1.5 years of core hands-on experience in Verifying and Validating the software of braking systems (**ABS ECU**). Having worked with Tier-1 suppliers, now seeking opportunities to contribute to innovative projects and gain hands-on experience in Electronics.

PROFESSIONAL SUMMARY

Working experience in Verification and Validation of Electronic Brake Control Module (EBCM) using LABCAR HIL & SIL simulator.

- ❑ Expertise on extensive **ETAS** Hardware in Loop (HIL, SIL) Setup and Testing.
- ❑ Bench and In-vehicle testing experience with supplier and OEM environment.
- ❑ Good working Experience in handling the Vector tools (**CANalyzer, CANoe**).
- ❑ Complete knowledge of test methodologies, test case planning, execution, and test reporting, & documentation.
- ❑ Basic Knowledge on V-Model and Agile Methodology.
- ❑ Working Experience in **NET** (Manual & Automation), **NET Platform, HMI, OBD, NM, Variant**.
- ❑ Good working knowledge of communication protocols (**CAN and UART**).
- ❑ Ability to quickly adapt to different project environment and work independently and as a team.

TECHNICAL SKILLS

- ❑ **Expertise:** Manual & Automation Testing, Debugging and Scripting
- ❑ **Hardware:** ETAS LABCAR, VN Device & VX Device
- ❑ **Protocol:** CAN, UART
- ❑ **Tools Used:** CANalyzer, Canoe, Test IDE, TkWinx, MM6, DET Tool
- ❑ **Requirement & Defect Tracking Tools:** DOORS, ALM (Application lifecycle Management)
- ❑ **Flashing Tools:** Module Flashing, JTAG and Easy Flash
- ❑ **Language:** C, Perl & Python (Beginner)

PROJECT DETAILS

COMPANY NAME	: BRIGOSHA TECHNOLOGIES PVT LTD, INDIA
ROLE	: Junior Software Engineer
CLIENT	: Robert Bosch Engineering & Business Solutions Pvt Ltd., Coimbatore
PROJECT OEM	: FORD (CMP-2.0, IPB, IPB-2.0, V769, P702)
PERIOD	: AUG 2023 to Till Present

RESPONSIBILITIES

- ☐ Understanding System & Software Requirement Specification.
- ☐ Performing **the RBT, Regression and Retesting**.
- ☐ Responsible to perform NET Tx & Rx (Automation & Manual Tests) and NET Perform.
- ☐ NM, HMI, OBD, Variant, Platform Testing Manual.
- ☐ Reporting Environment Specification and Software defects.
- ☐ Upload the Test reports in Quality Centre (QC)

QUALIFICATIONS

- ☐ **M.sc - Electronics and Instrumentation (2021-2023), CGPA – 9/10** completed by Bharathiar university, Coimbatore

ACHIEVEMENTS AND CERTIFICATIONS

- ☐ Published a journal (**DIO = 10.55041/IJSREM18578**) about Antenna Designing for remote sensing.
- ☐ Completed **NPTEL** course on physics of renewable energy system with a score of 69% for the quarter in 2022.
- ☐ Awards of Best volunteer by St. Joseph college in 2021.
- ☐ St. Joseph college physics subject second prize.

PERSONAL PROFILE

- ☐ Date of Birth : 06/ AUG/ 2001
- ☐ Father's Name : M. B. VENKATRAMAN
- ☐ Gender : Female
- ☐ Marital Status : Single
- ☐ Language Known : English, Tamil, Saurashtra

DECLARATION

I hereby declare that the information provided by me is true to the best of my knowledge and belief.

KOKILAVANI V