

**BOOPESHRAJA NEELARAJ**  
**Sr. Tech Lead**

**Email: [nboopesh@gmail.com](mailto:nboopesh@gmail.com)**  
**Contact: +91 868-294-2090**

### **CAREER OBJECTIVE**

Rooting for a promising & challenging career which will enable me to provide the best of my technical, analytical & professional skills. Seeking a position to utilize my skills and abilities in an environment that offers professional growth while being resourceful, innovative and flexible.

### **SUMMARY OF SKILLS**

- ❖ Knowledge of protocols such as **UDS, CAN, SOMEIP**.
- ❖ Knowledge of requirement tools such as **ALM, DOORS, PREEVision**.
- ❖ Knowledge of Testing tools such as **ProveTech, TKWinX, MM6, and Project Loader**.
- ❖ Knowledge of **dSpace, Labcar** and its related hardware.
- ❖ Knowledge of **HIL** and **SIL Testing**.
- ❖ Knowledge of **Perl** and **VBS** Language.

### **CAREER SUMMARY**

- ❖ Total 7+ Years of professional experience, 5 Years of professional experience in Automotive Software Testing (**HIL Testing**), and **HIL** - Test Automation script for ECUs with **Automotive ECU SW** Development.
- ❖ Exposed to the full life cycle of Software Development & Testing. (**V-Model**)
- ❖ Experience in requirements management tools and deriving Test cases from requirements.
- ❖ Software testing of pre-released vehicles (i.e. **Benz HYBRID** Vehicles)
- ❖ Experience in Functionality testing. (**HIL Testing**) preparation of test plans, test cases and execution & reporting. Experience in Regression testing for various versions.
- ❖ Experience in Complete knowledge of Test Methodologies, including writing/reviewing test cases & execution, defect tracking, test reporting and documentation.

### **PROFESSIONAL EXPERIENCE**

- ❖ Working as **Sr. Tech Lead** at **KPIT(HIL test Engineer for Mercedes-Benz)**(October 2021 onwards)
- ❖ Worked as **Automotive Test Engineer** at **Altran Technologies** – Outsourcing in **Robert BOSCH**. (32 Months)
- ❖ Worked as Embedded Developer, Medex Teknologies (23 Months)
- ❖ Worked as Graphic Designer, Personiv India (10 Months)

### **PROJECTS HANDLED**

**Project #1: Function Testing in Daimler Project (Benz)** Duration: 21month

#### **Responsibilities:**

Handled Team size of 4 assigning task and managing.

Ensure that test requirements are understood from requirement and specification are written in **PREEVision**.

Worked on CEIC (BC) controller functions involved in the Project.

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**Project #2: Function Testing in Daimler Project (BOSCH)** Duration: 1year

**Responsibilities:**

Ensure that the test requirements are understood from **DOORS** tool.

Ensure that the Arbitration among nodes is tested properly.

Worked on several functions involved in the Project.

**Project #3: Automation & Manual Tests in Daimler Projects (BOSCH)** Duration: 1year

**Responsibilities:**

Ensure that the test requirements are understood from **DOORS** tool.

Perform Manual Tests on the Project via **HIL/SIL** testing using tools such as **Canoe, Canalyzer** and **Project Loader**.

Perform Automation Testing on the projects using **Perl** Language and **STEPS** tool.

**Project #4: Unit Tests in Daimler Projects (BOSCH)** Duration: 6Months

**Responsibilities:**

Ensure that the code coverage for units.

Perform Statement coverage and decision coverage.

Perform MCDC.

**Knowledge on Tools**

Development Tool – TEST IDE, MPLAB IDE, ASCET, CANTATA, PROVETECH

Analyzing Tools – Canalyzer, Canoe.

Tracking Tools – HP – Quality Center, ALM, Strak.

Requirement Tools – IBM – Doors.

**Certifications**

**ISTQB** foundation level certification for V & V from Altran.

C Programming and Embedded systems in Aembtech training center, Coimbatore.

**QUALIFICATION**

Bachelor in Electronics and Communication Engineering – SNS Engineering (Anna University) (63.3%)

Diploma in Electronics and Communication -80.5%

10<sup>th</sup> (SSLC)-69.5%

**PERSONAL INFORMATION**

Date of Birth: 22-06-1994

Father's name: R.Neelaraj

Mother's name: K. Eswari

Language Skills: English, Tamil

Native Location: Coimbatore, INDIA

Current Location: Bangalore, INDIA