

JANANI

Date of Birth: 09/05/1996 | **Nationality:** Indian | **Gender:** Female | **Mob:** [+91] 8056919739 | janujanani085@gmail.com | [LinkedIn](#)

Pune, India

About me: I have 3 years of experience as a verification and validation engineer. During that time, I have developed my problem-solving abilities, learned how to manage several projects at once, and contributed fairly to team development by bringing up project problems, defects, and methods for resolving them. I trained multinational teams and I was given the opportunity to teach newcomers throughout my year of placement at the Antrim facility in the UK, honing my mentorship and management skills in the process.

• DETAILS

- Total 3 years of experience in the testing domain
- Expertise in creating **test cases (using MS Excel and LabVIEW)** and **test reports for validation and verification** in the automotive industry.
- I hold **Foundation Level ISTQB Certification** for Testers.
- Experience in Manual and Automation Testing.
- Strong knowledge of the whole **QA process cycle**, including how to transform functional requirements into test case designs, review test cases, execute tests, and update processes.
- Experience in MoSCoW (Requirement Document), test report analysis.
- Working knowledge of functional module testing and end-to-end testing for the purpose of TPMS ASIC module fault identification.
- Knowledge in vector tools like **CAN protocol CANoe**, CANalyzer and programming knowledge in **CAPL script**.
- Knowledge in VTESTstudio.
- Hands-on experience on system testing and regression testing.
- Knowledge in SDLC and STLC.
- Experience in **NI LabVIEW core 1 & 2**.
- Participation in Scrum meetings (scheduled and non- scheduled stand-up meetings)
- Experienced in **'snag' rectification on Verification Lab setup**
- Knowledge in **Telematics system**.
- Experience in tools like JIRA, GitLab and GitHub.
- Understanding of processes such as ASPICE, ISO26262, and AUTOSAR..
- Knowledge in Scrum and Agile
- Strong analytical, troubleshooting, interpersonal, communication and presentation abilities
- Exposure to HiL testing environment.
- Knowledge in Vector tools.
- Good experience with customer interactions
- Have worked with NI tools such DAQ, PCI and communication protocol.
- Experience in successfully setting up V&V (HiL) lab at Pune facility.
- Good at collaborating with different teams and participating in technical discussions.
- Meticulous involvement in procurement of hardware and peripheral for V&V lab.
- Good at documenting of snag history and its resolving process for future references.
- Participation in cultural events and social gatherings.

• WORK EXPERIENCE

System sensor Verification and Validation - SENSATA TECHNOLOGIES [UK/INDIA] [from Sep 2019 to present.]

- Designing the test cases and making test report based on the requirement specifications.
- Developed and reviewed LabVIEW code for TPMS module.
- Functionality testing on the TPMS module using test automation software.
- Currently configuring / development of Tire Burst Sensor set up.
- Tracking, reporting, and analysis of RF and LF component activity.
- Programmed TPMS module using TI instrument (Pin programming) and Schrader EZ programming module.
- Worked with Vector tools to test ECU functionality.
- Developed lesson/coaching plan of V&V process as a part of verification team formation.
- Prepared and trained team members on basic verification process.
- Collaborated with other teams to understand and build verification testing Lab setup.
- Automation script generated using LabVIEW and CAPL.

EDUCATION AND TRAINING

MSc in Electronics – Queen’s University Belfast (2018 – 2019)

- Course syllabus included subjects like wireless networks, communication, DSP, Microelectronics etc.
- Successfully completed Leadership program conducted by the university as part of Graduate PLUS certification.
- Final semester project was on ‘**Calibration of sensor system for pollution monitoring**’, in which pollution sensors and microcontroller-based (Arduino) board were used and the analyzed by using regression and correlation method.
- Participated in International student election for International student officer post.

Bachelor of Engineering in Electronics and Communication – Anna University (2013 – 2017)

- Undertook 2 weeks In-plant company training from Bharat Sanchar Nigam Limited (a Govt. of India enterprise), where telecommunication sector working and demonstration of exchange centers like MDF, Broadband were shown.
- Final year project were on improving quality of medical images using MATLAB programming.
- Java and Linux certification courses were done in my second year.

DIGITAL SKILLS

Debugging / LabVIEW / NI tools like DAQ, PCI / JIRA / GITHUB / Microsoft Office / C/C++ basic / JAVA/ CAPL script/ Vector tools/ ISO26262/ ISTQB