

LOKESHA N R

SOFTWARE ENGINEER

☎ 8861688194 ✉ nrlokesha1@gmail.com 📍 Bengaluru

📋 OBJECTIVE

Experienced software professional with 3 years in the automotive industry, specializing in OEM projects. Strong hands-on expertise in Autosar stack development and communication protocols. Proficient in various tools and technologies relevant to automotive software.

🔧 TECHNICAL SKILLS

AUTOSAR Architecture
CAN Communication Protocol
C Programming
Functional Safety (ISO 26262)
Python
UDS (ISO 14229)
CAPL Scripting (canoe)
TRACE32 Debugger
Python Test Automation (Pytest Framework)
JIRA & Codebeamer

📁 WORK EXPERIENCE

LG Soft India
Software Engineer
03/2022 – present | Bengaluru, India

📜 CERTIFICATION

PCAP™: Certified Associate Python Programmer

🎓 EDUCATION

Bachelor of Computer Applications (BCA)
BGS First Grade College (University of Mysore)
2017 – 2020 | Mysore
72%

Master of Computer Application (MCA)
Nitte Meenakshi Institute of Technology(VTU)
2020 – 2022 | Belgavi
8.9 CGPA

🛠 PROFESSIONAL EXPERIENCE

Key Competencies

- Experience in ISO 26262 Process for Automotive Safety.
- Proficient in Python Test Automation Using Pytest Framework.
- Good Knowledge of CAN Protocol for in-vehicle communication.
- Skilled in C and Python Languages.
- Experience working with vehicle Diagnostic systems.
- Hands-on-Experience with Hardware-in-the-Loop(HIL) Testing.
- Experience working with CLASSIC AUTOSAR Framework.
- Writing Python Test Scripts for Unit Testing.
- Proficient in Lauterbach Trace32 on-chip Debugging Tool.
- Experience with CAPL Scripting Using Canoe Tool.
- ISTQB Foundation Level Certified.
- PCAP™ – Certified Associate Python Programmer.
- Adherence to ASPICE Standards in Ongoing Projects.
- Automation of Digital Oscilloscope and DC Power Supply Using Python.
- Integrated Python Scripts with Tools like Canoe and Debugger Using win32 Python Library.
- Strong Ability to Co-ordinate, follow up, and Drive Tasks to Closure Independently.
- Experience in Manual Testing with Hands on use of Defect Management Tool(Codebeamer, JIRA).
- Involved in Bug Tracking and Reporting Using JIRA and Codebeamer.
- Experience in creating and managing Test sets.

🚗 PROJECTS

Porsche AG Cluster- ASIL B

Volkswagen HUD(Heads Up Display)-ASIL B