



JATIN SRIVASTAV

Software Engineer

+919012554971

jatin.28srivastav@gmail.com

Plot No.89 Block-A-3 Mohan Garden Uttam Nagar, New Delhi - 110059

CARRIER OBJECTIVE

To pursue a challenging role in automotive software development and validation, where I can leverage my skills in algorithm design, embedded systems, and diagnostics to contribute to innovative solutions and achieve professional growth.

PROFESSIONAL SUMMARY

Diagnostic and Validation Engineer with over 6 years of experience in the automotive domain, specializing in ECU software diagnostics, UDS protocol development, and validation. Strong background in automotive networking (CAN, LIN, IP) and configuration (AUTOSAR/non-AUTOSAR). Adept in developing, executing, and automating test cases using Vector toolchain (CANoe, CANalyzer, CAN DIVA, VT-Studio, VFlash), with hands-on experience in protocols such as UDS, KWP2000, DOIP, and OBDonUDS. Experienced in ECU flashing, DTC validation, and diagnostic services testing. Skilled in software build processes and functional safety concepts. Proven ability to work independently and collaboratively across cross-functional global teams.

WORK EXPERIENCE

Jan 2025 - present

Spheros Motherson Thermal System Ltd.

Deputy Manager

- Software Development of HVAC and Battery Thermal System
- Client Visit for Software Requirement Gathering.

Dec 2023 - Jan 2025

Interface Microsystem

Senior Engineer

- Understanding the Requirements
- Development of Application Module of HLC, Washer Wiper, CDL.
- Creating Bench Setups
- Preparing Test Case
- Automate Test cases on VT HIL setup.
- Automate Test Cases on CAPL
- Execution of test Cases
- Responsible for UDS & Functional Testing
- Bootloader Flashing and Testing.
- Preparing CAN Diva setup for automation UDS testing
- DTC Testing Electrical & CAN Based
- Automated Test Report Generation
- Logging the results and Bugs in an Excel Sheet

Aug 2022 – Nov 2023

Napino Continental Vehicle Electronics Pvt. Ltd.

Senior Engineer

- Requirement Analysis
- Function Validation

Apr 2019 – Jul 2022

Nedge Technology Pvt. Ltd.

Jr. Engineer

- Requirement Analysis
- Function Validation

SKILLS

- Diagnostic Protocols: UDS (ISO 14229), KWP2000, DOIP, SOVD, OBDOnUDS (SAEJ1979-2)
- Communication Protocols: CAN, LIN, IP, CAN FD, J1939
- Tools: Vector CANoe, CANalyzer, VT-Studio, CAN DIVA, VFlash, PCAN Explorer, Garuda II
- Languages: Embedded C, CAPL, Python, MATLAB/Simulink, VB.NET
- Architectures: Familiar with AUTOSAR layered architecture, modular software design
- Testing & Validation: Bootloader flashing/testing, DTC testing, diagnostic panel design, automated regression using VT HIL setups
- Office Productivity: MS Office (Excel, PowerPoint, Outlook)
- Soft Skills: Strong communication, structured problem-solving, customer-facing experience, team collaboration
- Other: Experience working with MNCs and supporting customer demonstrations across India

EDUCATION

B.Tech in Electronics & Communication Engineering (ECE)

Uttarakhand Technical University

2015 – 2019

Score 62% – First Division

LANGUAGE

English

Hindi

DECLARATION

I hereby declare that all the details provided above are true to the best of my knowledge.