

OBJECTIVE

I am an experienced Embedded Developer looking for new challenging opportunities which will enhance my skills and knowledge.

PROFESSIONAL SUMMARY

- Embedded Developer with 2+ years of experience in Automotive application Software Development.
- Implemented software functionalities according to Software requirements, ensuring timely delivery and meeting client expectations.
- Demonstrated debugging skills to identify and resolve software issues efficiently, contributing to the overall quality of deliverables
- Working experience on ASPICE and AGILE methodologies.
- Maintained thorough documentation of software design, implementation details facilitating smooth project transitions and knowledge sharing within the team
- Possessing good programming skills in Embedded C.
- Hands on experience on S32k312 microcontroller

PROFESSIONAL EXPERIENCE

- **Project:** Battery Management System
Tata Consultancy Services, Hyderabad July 2022 – Present
 - Working as Embedded C developer in Battery Management System Project.
 - Hands on experience in developing the Embedded c code for complex device drivers and responsible for Sanity testing the developed code.
 - Good understanding of MISRA C, Automotive Coding Guidelines.
 - Hands-on experience on performing Static Analysis for the developed code.
 - Hands-on experience on debugging the code by using tool GDB.
 - Hands-on experience on creating Software Detailed Design on Jama.
 - Hands on experience in automotive communication protocol like SPI
 - Actively involved in ASPICE Process from SWE.1 to SWE.6
 - Hands-on experience on Integration Testing.
 - Working knowledge on Autosar modules such as Runtime Environment (RTE), Diagnostic Event Manager (DEM), Diagnostic Communication Manager (DCM), Non-volatile Memory (NVM), Unified Diagnostic Services (UDS), BswM, ECU State Manager (ECUM), and Communication Manager (ComM).
- **Tools worked on:**
 - Vector Tools : Davinci configurator, Davinci Developer
 - Test Tool: CANoe
 - Debugging and Flashing Tool: Segger Jlink.
 - S32DS, JIRA, Helix QAC, GIT, JAMA.

Certifications and Skills

- Certified Autosar Embedded Engineer, an external certification program conducted by ANCIT.
- Embedded c
- Good Communication Skills

EDUCATION

- Bachelor of Technology: Electronics and Communication 8.78 CGPA (2018- 2022)
- Intermediate: 97.4 % (2016-2018)
- SSC: 9.8 CGPA (2016)