

# PAVAN S

## Contact:

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## Objective:

Seeking a challenging role as an Embedded AUTOSAR Engineer, where my understanding of automotive software architecture and hands-on experience in implementing AUTOSAR standards can be utilized to develop efficient, reliable, and innovative embedded systems for next-generation vehicles.

## TECHNICAL SKILLS

- Embedded C programming
- AUTOSAR
- Debugging
- UDS protocol
- Unit testing
- Integration testing
- Basics of python
- Version Control Systems

## TOOLS

- Trace32
- CANoe
- GH Multi Debugger
- AEEE-pro
- Visual Studio

## SOFT SKILLS

- Adaptability
- Time Management
- Teamwork
- Collaboration
- Problem-Solving

## HOBBIES

- Drawing
- Listening Songs
- Cooking
- Travelling

## WORK EXPERIENCE

### Software Engineer

@Bosch Global Software Technologies Pvt Ltd. | Coimbatore.

2022-Present.

Actively participated in the development, and validation of AUTOSAR-software modules for automotive embedded system development. Worked on UDS protocol in DCM, ECU mode management.

- Development experience in embedded C programming
- Implemented the services in production functions.
- Experience in *Diagnostics Communication Manager (DCM)* service configuration.
- Configured and implemented *Data Identifiers (DID's)* and *Routine Identifier's (RID's)* using configurator as per the AUTOSAR.
- Having knowledge on *Unified Diagnostic Service*.
- Implemented Wakeup sources in *ECU mode Management*.
- Having knowledge on ECU mode management flow.
- Develop and Run the *Unit-Test* for C code in *Gtest* framework.
- Performed *Integration test* using UTF (Unified Test Framework) and written *component test specification*.
- Integrated RFW for Integration test performed using Unified Test Framework.
- Experience in *Defect Fix and Debugging*.
- Experience in Testing the Diagnostic functions using CANoe.

## EDUCATION

### B E in Electronics and Communication.

University B D T Collage of Engineering,  
Davanagere, Karnataka.

CGPA: 8.54