



# Sankavi Thirumalaiappan

DIVISIONAL MANAGER

## Profile

Electronics hardware professional with over a decade of experience, versed product development and customer management. Appreciable experience in hardware development from quotation phase until production release. Reliable team player and an effective communicator, eager to work with alternative energy sources.

## Employment History

### Divisional Manager, Mechatronics, Stellantis India, Chennai September 2023 - Present

- Responsible for the design and development of BCM (body control modules) and Airbag modules for IAP (India & Asia Pacific) region
- Lead a team of 7 design responsible engineers
- Involved in the complete product lifecycle management from RFI to SOP
- Responsible for the development cost estimation and scope negotiations
- Project milestone track and quality track

### Hardware Project Manager, Robert Bosch Engineering and Business Solutions Private Limited (RBEI), Coimbatore June 2012 – August 2023

- Responsible for the hardware project & development of Engine control unit (ECU) & Vehicle control unit (VCU)
- Requirement capture and compatibility analysis
- Project management from acquisition until release to production
- Vehicle integration tests and analysis
- Hardware development as per ISO26262
- Integration design through power management and thermal analysis

### Hardware Test Engineer, Robert Bosch GmbH, Germany October 2011 – June 2012

- Responsible for the hardware lifetime test bench build and operation.
- Development of automation scripts for data acquisition and test run.
- Data analysis using tools like Famos and Excel.
- Troubleshoot failures during test and root cause analysis

### Hardware Test Engineer, Robert Bosch Engineering and Business Solutions Private Limited (RBEI), Coimbatore October 2011 – June

- Hardware end of line test script development for engine control unit (ECU) and transmission control unit (TCU)
- Troubleshoot hardware failures and root cause analysis
- Process capability analysis for mass production
- Co-ordination and communication to various production plants for product testing and failure analysis
- On-site test support @ Robert Bosch Budapest for TCU

### Hardware Engineer, Pricol Limited, Coimbatore October 2006 – October 2011

- Design & development of digital instrument clusters for 2-whleers
- End to end activities in the product life cycle mass production.
- Direct interaction with OEM throughout the development cycle

## Details

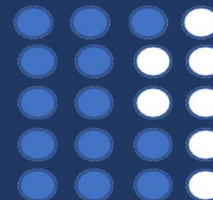
17-A1 Jayaram Nagar,  
Telungupalayam Post,  
Coimbatore – 641039, India

+91-9655158763

sankavi1308@gmail.com

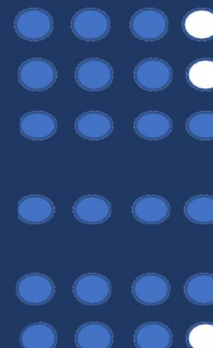
## Tools

Microsoft Office tools  
MS Project  
DOORS, Tortoise  
FAMOS  
PSpice, LTSpice



## Skills

Project management  
HW Troubleshooting  
HW compatibility analysis  
Vehicle Integration tests  
Ability to multitask  
Adaptability



## Languages

English  
Tamil  
German



## Education

**Bachelor of Engineering (Electrical & Electronics), Anna University, Chennai**

Graduated as first class with distinction

## Hobbies

Travelling, Reading, Photography & Baking