

## Srinivasu Potla

Automotive Software Developer - Embedded Systems

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## Professional Summary

- 2 years of experience in Automotive Software Development and Embedded Systems.
  - Strong knowledge of Microcontroller Interfacing and Vehicle Function Software Development.
  - Expertise in C, Embedded C, MISRA coding guidelines, and debugging.
  - Proficient in Software Development Life Cycle (SDLC), V-Model, Agile methodologies, and ASPICE.
  - Hands-on experience with IBM DOORS, JIRA, Jenkins, ALM, TCM, SharCC, ASCET.
  - Knowledge of AUTOSAR, COM stack, DEM, DCM, and NVM.
  - Familiar with communication protocols: CAN, I2C, SPI, UART, and Ethernet.
  - Understanding of ISO 26262 Functional Safety Standards.
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## Education

### B.Tech in Electronics and Communication Engineering

Bapatla Engineering College, Guntur, AP, India (2018 – 2022)

CGPA: 7.0

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## Experience

### Bosch Global Software Technologies, Coimbatore, India

#### Associative Software Engineer (Jan 2023 – Jan 2025)

- Developed software solutions for ABS, ESP, IPB braking systems.
  - Worked on projects for FORD P708, V710, ICA3, V769 (ICE, HEV, BEV).
  - Analyzed stakeholder requirements and derived software requirements.
  - Designed, implemented, and tested low-level software components.
  - Debugged software at the signal level and resolved production issues.
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## Key Projects

### Development of ABS/ESP System (AUTOSAR Compliant) - FORD

- Tools: Ascet (MBD), SharCC IDE, ALM, TCM

- Languages & Microcontrollers: C, Embedded C, RH850
  - Verification Tools: TKWinx, Canalyzer, MM6, XFLASH, Uniview64, TestIDE, SIL
  - Responsibilities: Software development, testing, and requirement analysis.
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### Technical Skills

- **Programming:** C, Embedded C
  - **Tools:** Ascet (MBD), SharCC IDE, IBM DOORS, JIRA, ALM, TCM, Jenkins
  - **Protocols:** CAN, I2C, SPI, UART, Ethernet
  - **Methodologies:** V-Model, Agile, ASPICE
  - **Standards:** AUTOSAR, ISO 26262
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### Languages

- Telugu
  - English
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### Declaration

I hereby declare that all the information provided is true and correct.

**(Srinivasu Potla)**