



Sujeet Gaikwad

Functional Safety & Cyber Security

Automotive embedded professional with 15+ years of experience in different areas of product development for several ECUs such as BCM, EPS, RADAR, BMS etc. Leading the team of Functional Safety & Cyber Security for HELLA India. Strong knowledge and extensive work experience in automotive safety area based on ISO-26262. Several years of intercultural experience with Germany, France, China, USA, Romania etc. 6 years of onsite work experience at HELLA Germany.

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Education

2011
MS - Software Systems
BITS Pilani University, India
Excellent grade

2008
BE - E&TC
Pune University, India
First class with distinction

Expertise

- Automotive Embedded Professional
- ECU Development
- Functional Safety ISO-26262
- Software Project Management
- System engineering
- Cyber Security ISO-21434

Language

English

Marathi

Hindi

German (A2 level)

Experience

2022 - present

HELLA India | Hinjewadi, Pune, 411057

Group leader - Functional Safety & Cyber Security

- Leading the HELLA India Functional Safety & Cyber Security team to develop safe and secure products to meet the Indian as well international safety and security standards.
- Completed Functional safety management for 50+ customer projects, across 8 different product lines (Energy management, RADAR, EPS, APS, Lighting etc.)
- Centre of competence for the ECU safety analyses - SW safety analyses, Fault Tree Analyses, Dependent Failure Analyses, FMEDA etc.
- Continuously improving safety team knowledge and development team safety awareness by organizing different technical workshops, seminars, presentations etc.

2017 - 2022

HELLA Germany | 59555, Lippstadt, Germany

Lead Functional Safety Manager

Lead Safety Manager for Electric Power Steering (ASIL-D) project for European OEM

- Customer alignments for safety requirements elicitation.
 - Planning, coordination and tracking of all safety related activities together with cross functions such as System, SW, HW etc.
 - Preparation for external Safety assessment and confirmation reviews
 - Safety case creation with arguments in order to release safe product on public road.
- Safety Manager for RADAR (ASIL-B) and HELLA SW Platform projects.

2008 - 2017

HELLA India | Hinjewadi, Pune, 411057

Deputy Manager - Product development

BCM ECU development | Leading global platform project team for BCM ECU

- Application development for Exterior lights, Interior lights, Anti-theft warning system, Sunroof, Ignition Systems etc.
- Leading global team for HELLA BODY platform software creation
- Customer/OEM interface to derive System requirements
- Vehicle level debugging at customer production plant
- System engineering with SysML (and UML for software) using IBM Rhapsody

AUTOSAR Software development with embedded C & MATLAB - Application software, IO stack, System stack, MEMORY stack, Production mode software, End of line, ICT, EOL calibration etc.

Achievements

- Successfully delivered HELLA's 1st ASIL-D Electric Power Steering project as Lead Safety Manager during my 6 years onsite tenure at Lippstadt Germany.
- Lead Summer School participation - HELLA's 9 days elite program for group leaders
- Functional safety (ISO-26262) trainings from Quint Academy, Munich
- IBM System engineering training using Rhapsody at Pune (3 days).
- German language - A2 level