



機能安全ブリッジエンジニア

住友商事・テックマヒンドラ社の合併会社

Job Information

Hiring Company

SCTM Engineering Corporation

Job ID

1514645

Division

デリバリー部

Industry

Automobile and Parts

Company Type

Small/Medium Company (300 employees or less)

Non-Japanese Ratio

Majority Japanese

Job Type

Contract

Location

Japan

Salary

7 million yen ~ 10 million yen

Salary Bonuses

Bonuses paid on top of indicated salary.

Work Hours

9:30~17:45 (7時間15分)

Holidays

年間休日125日 (土日祝日、夏季休暇、年末年始休暇)

Refreshed

January 10th, 2025 12:12

General Requirements

Minimum Experience Level

Over 6 years

Career Level

Mid Career

Minimum English Level

Business Level (Amount Used: English usage about 50%)

Minimum Japanese Level

Business Level

日本語能力試験N3相当以上

Minimum Education Level

High-School

Visa Status

Permission to work in Japan required

Job Description**Expected scope in SCTM**

- Business input / output management
- Development lead of Offshore Engineers (INDIA)
- Participation in Customer development meetings (participation in development meetings with suppliers and customers as necessary)
- Collaborate with cross-functional teams to define functional safety requirements for systems and components

Communication and control: Managing the offshore & cross functional coordination at Customer Location (Project Management)

Development lead: Leading the development process and guiding the offshore teams

Delivery time adjustment: Guiding the teams as per project milestones and responsible for critical reviews of offshore deliverables

Roles & Responsibility

- Support technical design reviews, business proposal for new programs
- Develop safety concepts, strategies, and mechanisms to address potential hazards and mitigate risks.
- Perform in-depth Failure Modes and Effects Analysis (FMEA) and Fault Tree Analysis (FTA) to identify and prioritize failure modes
- Design and implement safety mechanisms, including fail-safe mechanisms, and diagnostic features
- Create safety documentation, including safety requirements specifications, safety case reports, and technical design documents
- Define and execute safety validation and verification plans to ensure compliance with safety standards and requirements
- Development of test plans, definition of test specifications and test execution
- Interface to Software and Hardware development

Contract type

Contract

Salary, Remuneration

JPY 600,000~800,000 / month

Work location

Hybrid (Tokyo & Odawara)

Nationality

NA

Start timing

2025/3/1

Required Skills**Required skill and experience**

- 6-10 yrs experience in functional safety engineering, particularly in automotive sector.
- 6-10 yrs experience in automotive embedded SW development
- Familiarity with relevant functional safety standards like ISO 26262 or FMVSS, and their practical application
- Strong Knowledge of ICE, EV and xHEV vehicles systems
- Skilled in hazard analysis, risk assessment, FMEA, and fault tree analysis
- Familiarity with safety requirements, concepts, and mechanisms
- Exceptional problem-solving abilities and a collaborative team player
- Effective communication skills to manage communication with the different stakeholders of the project.
- Familiarity with ANSYS MEDINI is a plus
- ISO 26262 Functional Safety Professional certification is a plus

Japanese skills (for foreigners)

N3 skill in Japanese language

English skills (for Japanese)

Basic technical communication (TOEIC L&R 730+ / TOEFL iBT 80+)

Company Description