INDIA NIPPON ELECTRICALS LIMITED	Job Description	
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Position Title: SW Manager	Department: R&D
Reporting To: CTO/ Head, R&D	Functional Area: All Products

Role and Responsibilities:

• Leading all the SW development activities ensuring that the department KPIs are met. Includes planning the development activities, allocating respources, conducting design/code reviews, SW test/validation report release and ensuring ontime SW releases

• RFQ management from SW point of view. Getting SW specification sign offs from the customer. Conducting DFMEA/FTA review with the

• Team development, skill gap analysis, recruitment and training

• Presently Monthly and periodic reports to senior management

• Driving Innovation in the team. Motivate the team to innovate new solutions and meeting KPIs for product innovation.

• Estabishing and Maintaining SW systems and processes. Implementation of A-SPICE system and process. Requirement management, SW change management and Version control management.

• SW implementation of Active Safety as per ISO 26262.

• Development of both driver level and application SW for automotive applications. Communication stack development eg Bluetooth, CAN, USB etc.

• Helping the team to solve SW releated issues inclusing System, SW environment, Algorithm and coding.

Minimum Educational Qualification Required: -Bachelor of Technology (B.Tech) / Bachelor of Engineering (B.E) in Electronics

Experience Required : 12-20 Years experience in Automotive SW development.

Skills Required:				
Technical Skills:		Basic	Advance	Expert
	Expertise on SW development environment for different microcontrollers (NXP, Renesas, Infineon, ST etc.)			√
	Hands on Experience on C/C++ for 8/16/32 bit controllers.			√
	Experience on Driver and communication stack development. Eg USB, Bluetooth, CAN, LIN			√
	Experience on implementation of A-SPICE SW systems and processes.		√	
	Experience in handling a team of atleast 10 people. Team recruitment and training			√
	Experience in Application SW development for EV motor controller and other EV applications **Or** Experience on Application SW development for IC Engine based system and control units. Eg Engine control unit, Transmission control unit, body control module, ABS etc.			√
	Experienced in IoT applications SW development		√	
	Experience in SW validation and verification. HIL or SIL. Unit testing and integration testing			√
	Expertise in SW DFMEA/FTA, Version control, requirement management and SW change management			√

Behavioral Skill:		Basic	Advance	Expert
	Ability to establish relationship with senior management		√	
	Lead the team by expamples			√
	Precise and analytical.			√
	Ability to self organize and drive the team to meet the deadlines			√

Other Skills		Basic	Advance	Expert
	Prior Experience of customer management with Automotive OEMs: 2 wheeler or 4 wheeler		√	
	Written and Oral communication skills			√

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