

# SUMAN K ADINARAYANA

## PROJECT MANAGER

### OBJECTIVE

*Visionary leader with a proven track record of driving transformation, innovation, and profitability for the company; targeting senior level assignments with an organization of high repute.*

### CONTACT

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### EDUCATION



Advanced General Management Program  
from Institute of Management  
Technology, UpGrad in 2024

Master Of Business Administration

from Liverpool John Moore's  
University, UK from UpGrad India in 2025

German Language B1.1 Certified from  
AGI (Germany) in 2015.

B.E. (Electronics & Communication) from  
Visvesvaraya Technological University in  
2006.

### CORE COMPETENCIES



- Technical Architecture
- Project & Program Management
- IT Service Delivery
- Technology Roadmap & Excellence
- Requirement Gathering
- Team Management
- P&L Management
- Business Transformation

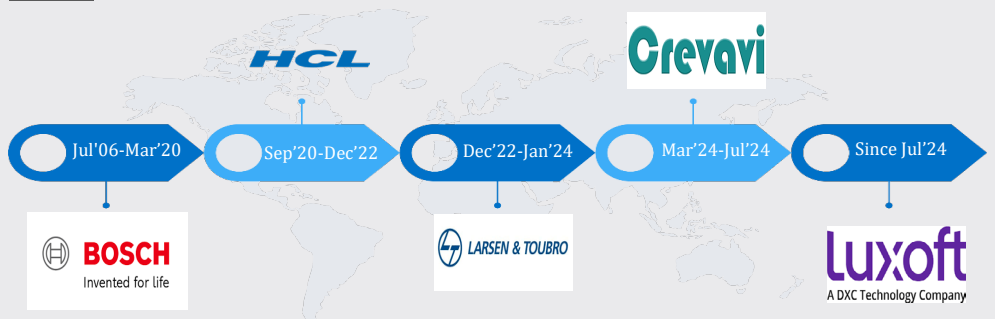


### PROFILE SUMMARY

- Currently associated with **Luxoft India as Project Manager**, offering **nearly 19 years of experience** in managing **end-to-end program / project planning & implementation**.
- Architected **technical solutions** required to address **customer requirements**, assessed customers' needs and recommended solutions that optimized value for both customer and firm.
- Extensive experience across **India, APAC, European Union, USA, UK, China, Poland, Egypt and Japan**, working with diverse clients and teams.
- Proficient in **AUTOSAR, ASCET code generation, and EDS tools such as ASCET, CAN-Analyzer, and INCA**. Skilled in communication protocols including CAN, UDS, KWP2000, LIN, and FlexRay, with deep expertise in software testing, system diagnostics, ASPICE compliance, and Functional Safety.
- Proven track record of **leading multimillion-dollar enterprise-class software projects**, specializing in embedded software design, development, and validation for top-tier clients like **BMW, Renault, VW-Audi, Peugeot, PACCAR, Daimler, Volvo, Honda, John Deere, and Magna**.
- Understood clients' business and provided inputs for **creation, implementation of effective architecture & technology plans**.
- Keen analyst with excellence in **gathering and understanding requirements of clients & other multiple stakeholders** followed by translation into functional specifications as well as provisioning of suitable solutions.
- Led efforts in overseeing the **end-to-end lifecycle of projects**, ensuring timely delivery, resource optimization, risk management, and alignment with technical and business objectives.
- Provided **technical consultancy**; mapped requirements of the clients, understood complex data, formulated solutions and set-up outcome expectations.
- People Leader**, who has successfully led and motivated teams in cross-cultural environment towards growth and success in the organization; created a clear & compelling view of future through coaching and execution.



### CAREER TIMELINE



TECHNICAL SKILLS

RTOS:	ERCOS, OSEK, AUTOSAR OS, FREE RTOS, Linux Kernel, Automotive Grade Linux
Microcontroller Operating System:	BSW  Windows, Linux
Languages:	C, Assembly, Perl, Python,Scripting,R
Vehicle Simulator/ LabCar/Lab Equipment:	IRIS, MLBA, LC2, PT, D-Space, TPT and so on
Version Control Tool:	SDOM, IBM SCM/ALM, Rational ClearCase, Rational ClearQuest
Communication / Protocol:	CAN, UDS, KWP2000, LIN (Basics), Flexray (Basics) ISO 14229, ISO 26262, ISO 14230, BS4, EU 4 and 5, CARB Regulation, ODX, ISO 22901, ASPICE ES590/ES1000,
Automotive IT Standards	CAN-Analyzer, INCA, UDE [Debugger], ASCET AUTOSAR, DGS, MDT, Adaptive AUTOSAR, MICROSAR
Tools:	
Development Framework	

PERSONAL DETAILS

**Date of Birth:** 4th July 1984  
**Languages Known:** Kannada, English,  
Telugu, and Hindi, German (Level B1.1)  
**Permanent Address:** SHIVAGANGA AR  
PRAKRUTHI, Block C, FLAT C-301, Arehalli  
Main Road, Uttarahalli, Subramanyapura  
P.O., Bangalore, Karnataka, India - 560061

Jul'24-Present: Luxoft as Project Manager

*Client: Jaguar Land Rover*

Key Result Areas:

- Orchestrating the end-to-end (E2E) project lifecycle for Jaguar Land Rover, ensuring alignment with client expectations and industry standards while managing a diverse team of over 53 members across multiple geographical locations.
- Led the foundational software implementation for FSI team (AURIX Controller Support) and CCPLEX microcontroller support, ensuring seamless integration and operational efficiency with EPICS,JIRA and SIMS(SW Issue Analysis) ticketing for easy tracking.
- Formulating and implementing strategic project plans, including defining project scope, objectives, and deliverables, while ensuring adherence to timelines and budget constraints.
- Facilitating effective communication between stakeholders, including clients and team members, to ensure transparency and foster collaboration throughout the project execution process.
- Mentoring team members to cultivate a culture of continuous improvement and technical excellence, providing guidance on best practices and innovative solutions.
- Analyzing project risks and developing mitigation strategies to minimize potential impacts on project delivery and client satisfaction.

*Luxoft India Project (Internal)*

- Collaborating with cross-functional teams to ensure seamless integration of project components, addressing any technical challenges that arise during the development process.
- Providing comprehensive end-to-end support for the IVP (In-Vehicle Platform) team (AURIX-TC397X and QUALCOMM SA8295P,Safe RTOS, QNX Hypervisor , Linux, Android for SOC), focusing on middleware base support, UART logging Diagnostic Log and Trace -Platform Health Management and Health Monitoring.
- Managing Luxoft India's internal platform software for multiple customers, delivering advanced solutions in Vehicle Platform and In-Vehicle Infotainment Solutions.
- Overseeing the documentation of project processes and outcomes, ensuring compliance with industry standards and facilitating knowledge transfer within the organization.
- Conducting regular project reviews and performance assessments to identify areas for improvement, implementing corrective actions as necessary to enhance project outcomes.

Mar'24-Jul'24: Crevavi Engineering Solutions Pvt. Ltd. as Chief Engineer

Key Result Areas:

- Directed the complete project lifecycle, from responding to RFQs and RFPs to providing post-implementation support, ensuring that all project phases are executed seamlessly.
- Collaborated with cross-functional teams to gather requirements, conduct gap analyses, and re-engineer business processes to enhance project outcomes.
- Managed project costs and resources, ensuring that all initiatives are delivered within budget and on schedule while maintaining high-quality standards.
- Engaged with clients to provide OEM support, including communication stack testing and development for Honda's braking application, ensuring compliance with client specifications.
- Led project governance efforts, establishing frameworks for effective decision-making and resource allocation to optimize project performance.
- Conducted regular project status meetings to communicate progress, address challenges, and align team efforts with project goals.

Dec'22-Jan'24 | L&T Technology Services as Project Manager for Automotive Embedded IT Solutions Development Teams

Key Result Areas:

*Client: Bosch Global Software- India (APAC) & Japan for Honda and JOEM)*

- Defined project vision, designed strategic roadmaps, and managed backlogs while working on-site with clients like Bosch, ensuring seamless project execution. Provided OEM support, including communication stack testing and development assistance for Honda's braking application.
- Led end-to-end project lifecycle management, including responding to RFQ/RFI/RFPs, proposal defense, cost estimation, requirement gathering, gap analysis, business process re-engineering, issue resolution, and post-implementation support, ensuring successful project delivery.

*Client: BorgWarner- India & UK and USA for Daimler*

- Developed project vision, designed strategic roadmaps, and managed backlogs for clients including BorgWarner and Daimler, ensuring alignment with business objectives.
- Established and implemented methodology guidelines to accelerate delivery timelines while maintaining reliability and quality in business product development.
- Oversaw complex departmental functions, developed governance models, and drove continuous improvements in key performance metrics and operational efficiency.

- Provided post-implementation support, application maintenance, and enhancements, ensuring all solutions remained scalable, extensible, and architecturally robust.

***Client: Magna Electronics, Pune India***

- Led projects focused on AUTOSAR Base Software Development, AUTOSAR OS Software Development, and AUTOSAR Stack Development for ADAS ECUs, along with functional and system design analysis for Cabin Monitoring Systems.
- Supported multi-location clients across India, working closely with cross-functional teams to drive seamless project execution and successful delivery.

**Sep'20-Dec'22 | HCL Technologies Ltd. as Technical Architect  
Client – Veoneer, APTIV, ZF, Magna Steyr**

**Key Result Areas:**

- Analyzed procedures and data to develop logical solutions for complex application programming challenges, ensuring efficiency and accuracy.
- Designed and implemented sophisticated applications, providing hardware and software support while introducing customer-facing and system-level features to enhance the user experience.
- Integrated software components into a robust final solution, overseeing subcontractor partnerships to ensure seamless execution.

***Client: Magna***

- Led the development and management of ISO14229 Diagnostic Stack Software on the AUTOSAR platform for ADAS Control Units.
- Ensured consistent code development across multiple control units, maintaining standardization and reliability.
- Managed migration, development, and testing of software updates, aligning with customer specifications while overseeing product line and variant changes.

***Client: ZF***

- Assisted management in analyzing and resolving OEM problem reports, ensuring high-quality issue resolution.
- Conducted formal evaluations of low-level device driver EOL neutral functional software, focusing on fault insertion testing.
- Served as the Complete Software Project Lead for Chrysler projects, overseeing the Brake ECU Software Development Lifecycle for PHEV, IBC, and SCS systems.

***Client: APTIV***

- Acted as Technical Architect and Project Lead, managing testing, verification, validation, requirement analysis, and documentation.
- Engaged with American clients for lab hardware devices, IT administration, functional training, and training coordination while providing status updates.

***Client: Veoneer***

- Led software stack development and automated log analysis for a vision-based mobility project.
- Specialized in vision-based smoke testing, report automation, and advancing Lane Keep Assist (LKA) and ADAS technologies to enhance autonomous driving capabilities.

**Apr'20 -Jun'20| WaferSpace (Client – Continental)**

**Jul'06-Mar'20| Robert Bosch Engineering & Business Solutions Pvt. Ltd., Bengaluru**

## PROJECT ANNEXURE

**Title:** Coordination and Management of Integration, Delivery, Testing Teams of Braking System Control Unit Components and Peripherals Software Product Lifecycle

**Client:** ZF - Solution for multiple elite OEM's like Chrysler &

**Location:** India (Bangalore\Hyderabad), North America (Livonia)

**Company:** HCL Technologies

**Period:** June 22 – Dec 22

**LabCars:** CANalyser, CANoe, Simbuck & so on

**Development Framework:** Autosar, HTML, C, Python

**Technologies:** Integrity LCM, Pulse VPN, Rhapsody, Trace32, Cobra IDE, Notepad++, Clarity Effort Management, Polyspace, Pulse, MS Office, Skype, MS Teams, Power-BI, and so on

**Team Size:** (ZF-DIWIA-BSW-ECUAL) 25

**Title:** Braking System Control Unit Components and Peripherals Software Evaluation Development and Requirements Gathering, Problem Report Investigation and Solution

**Client:** ZF - Solution for multiple elite OEMs like VW, BMW, OPEL & so on

**Location:** India (Bangalore\Hyderabad), Koblenz, Shanghai & son

**Company:** HCL Technologies

**Period:** Mar' 22 – Oct 22

**LabCars:** CANalyser, CANoe, NI Test, SAINT & so on

**Development Framework:** Autosar, HTML, C, Python

**Technologies:** Integrity LCM, Pulse VPN, Rhapsody, Trace32, Cobra IDE, Notepad++, Clarity Effort Management, Polyspace, Pulse, MS office, Skype, MS Teams & so on

**Team Size:** (ZF-DIWIA-BSW-ECUAL) 25

**Title:** Injection System Handling for Engine Management Systems ECU

**Client:** Solution for multiple OEM

**Processor:** Infineon, JDP and so on

**LabCars:** LCPT (HIL), Open Loop Labcar, TPT

**Duration:** July 2016- Ongoing Project

**Title:** Multicore and Manycore efficiency improvement in automotive ECU's

**Client:** Solution for multiple OEM

**Processor:** Infineon, JDP, etc

**LabCars:** LCPT (HIL), Open Loop Labcar

**Location:** Germany (~15 months), Bangalore

**Title:** Electrical Supply system and Electrical Device handling of Multiple OEM.

**Client:** Solution for Global OEM

**Processor:** TC179x [Infineon], etc.

**Lab Cars:** LCPT

**Duration:** ~2 years

**Location:** Bangalore

**Title:** Frame Multiplexing Handling for CAN messages for reducing Bus Load and solving Communication related Series issues

**Client:** BMW - Europe.

**Processor:** TC179x [Infineon]

**Lab Cars:** LCPT

**Duration:** 6 Months

**Location:** Bangalore

**Title:** Creation and Handling of Requirements for ODX [ASAM MCD-2D –Open Diagnostic Data Exchange Format]

**Client:** BMW - Europe

**Processor:** TC1796, TC1797 [Infineon]

**LabCars:** IRIS, MLBA-1, MLBA-3

**Duration:** 12 Months

**Location:** Vienna [~6 Months], Bangalore

**Title:** Complete handling of Integration software packages for one of the variants of BMW automobiles

**Client:** BMW - Europe

**Processor:** TC1796, TC1797 [Infineon]

**LabCars:** IRIS, MLBA-1, MLBA-3

**Duration:** 3 Months

**Title:** Configuration of Open Loop (Vehicle Simulators) and Closed Loop LabCar (Vehicle Emulator) for BMW projects

**Client:** BMW - Europe

**Processor:** TC1796, TC1797 [Infineon]

**Lab Cars:** IRIS, MLBA-1, MLBA-3

**Duration:** 3 Months

**Title:** Development and Integration of BMW specific Model Based Charge control (MCC) and Model Based Boost Control (MBC) into BMW Customer base

**Client:** BMW - Europe

**Processor:** TC1796, TC1797 [Infineon]

**Tools:** CANalyser/CANoe, INCA, UDE and so on

**Duration:** 6 Months

**Language:** Embedded C

**Location:** Austria-Europe (3 Months), Bangalore-India (3 Months)

**Title:** Implementation of Bypass hooks for “Rapid prototyping” design, modelling and verification of ECU functionalities.

**Client:** BMW - Europe.

**Processor:** TC1796, TC1797 [Infineon]

**Tools:** CANalyser/CANoe, INCA, UDE and so on

**Duration:** ~3 Months

**Language:** Embedded C

**Title:** Implementation of Component drivers for 3-Stage Turbocharger for Efficient operation of Engine with increased performance

**Client:** BMW – Europe/USA

**Processor:** TC1796, TC1797 [Infineon]

**Tools:** CANalyser, INCA, UDE and so on

**Duration:** ~6 Months

**Language:** Embedded C

**Title:** Development of Application Software [ASW] and drivers for various components

**Client:** BMW, Europe.

**Processor:** TC1796, TC1797 [Infineon]

**RTOS:** ERCOS

**Duration:** ~1 year

**Language:** Embedded C

**Title:** Implementation of On-board Diagnostic Services in accordance to OBD-1 and OBD-2 standards of CARB

**Client:** Renault, BMW - Europe.

**Processor:** Freescale MPC5xx, TC1796, TC1797 [Infineon]

**Tools:** CANalyser, INCA, UDE

**Duration:** ~6 Months

**Language:** C, CAN, CAPL, KWP

**Title:** Implementation of CAN to control the driving behavior of Engine.

**Client:** Renault, BMW - Europe.

**Processor:** Freescale MPC5xx, TC1796, TC1797 [Infineon]

**Tools:** CANalyser, INCA, UDE, etc.

**Duration:** ~6 Months

**Languages:** C, CAN, CAPL