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| OBJECTIVE |  | SUMAN K ADINARAYANA  **PROJECT MANAGER** |
|  | *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**   |  |  | | --- | --- | | +91-9900215587,  +91- 8310697438 |  | | suman.ka@gmail.com, suman.groups@gmail.com |  | |  |  | |  | **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**    Mar’24-Jul’24  Dec’22-Jan’24  Sep’20-Dec’22  Jul'06-Mar’20  Since Jul’24  **WORK EXPERIENCE**  **Jul’24-Present: Luxoft as Project Manager**  ***Client:*** *Jaguar Land Rover*  **Key Result Areas:**   * Orchestrating the end-to-end 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), ensuring seamless integration and operational efficiency. * 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 and QUALCOMM SOC), focusing on middleware base support, UART login - Health Management. * 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** |
| **EDUCATION** |
| Advanced General Management Program from Institute of Management Technology, UpGrad in 2024  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* | |  | *Cross-functional Coordination* |     **TECHNICAL SKILLS**   |  |  | | --- | --- | | **RTOS:** | ERCOS, OSEK, AUTOSAR OS | | **Microcontroller** | BSW | | **Operating System**: | Windows, Linux | | **Languages**: | C, Assembly, Perl, Python | | **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) | | **Automotive IT Standards** | ISO 14229, ISO 26262, ISO 14230, BS4, EU 4 and 5, CARB Regulation, ODX, ISO 22901, ASPICE | | **Tools**: | ES590/ES1000, CAN-Analyzer, INCA, UDE [Debugger], ASCET | | **Development Framework** | AUTOSAR, DGS, MDT, Adaptive AUTOSAR, MICROSAR |     **PERSONAL DETAILS**  **Date of Birth:** 4th July 1984  **Languages Known:** Kannada, English, Telugu, and Hindi, German (Level B1.1)  **Communication Address:** Balaji Concord 451/202, Second Floor,12th Main Road, Turahalli Village, Vajramuni Nagara, Gubbalalu and Turahalli Layout, I Stage, Jayanagar H.B.C.S 1st Stage, Uttarahalli Hobli, Bangalore South Taluk - 560061  **Permanent Address:** SHIVAGANGA AR PRAKRUTHI, FLAT C-301, Arehalli Main Road, Near Arehalli Arch, Arehalli, Uttarahalli, Subramanyapura P.O., Bangalore-560061 |

**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

**Language**s: C, CAN, CAPL