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| Manish Kumar  Project Manager     |  | | --- | | **Contact** |     Address: Bangalore, 560049  Mobile: 09845724932  manish2357@gmail.com     |  | | --- | | **Skills** |     Project planning and development    Excellent  Project Management    Excellent  Agile and Scrum    Excellent  Technical Support    Very Good  FORTRAN    Excellent  C, Python    Very Good  C++    Good     |  | | --- | | **Software** |     Excel, VBA, and SQL    Excellent  AWS and Azure    Very Good  Jira, Git, and Confluence    Very Good  Ansys, Nastran and SC03    Very Good  MATLAB and Minitab    Good  AI and ML    Good     |  | | --- | | **Languages** |     English    Excellent  Hindi    Excellent | Engineering and IT Software Leader with 17 Years of Experience, Including 8+ Years in Leadership, Leading Teams of 15 Through All Project Phases. Expertise in Communication, Problem-Solving, and Customer Satisfaction Enhancement.     |  | | --- | | **Work History** |     **Technical Leadership at Garrett Motion (Oct 2022-Present)**   * Lead engineering tool development, bridge communication between development teams and stakeholders, and guide a team of 7 members. Align requirements with organizational goals using Agile Scrum methodologies. * Contributed to company success by optimizing compressor designs through Ansys simulations, automating FEA workflows, developing web applications, and ensuring reliable AWS hosting.   **Leadership Tenure at Quest Global (June 2016-Oct 2022)**   * Developed project plans, allocated resources, and established timelines. * Managed a substantial portfolio of projects, providing progress reports to stakeholders. * Cultivated relationships with customers and project stakeholders. * Monitored team activities to optimize performance. * Ensured engineering tasks adhered to work standards, timelines, and quality objectives.   **Execution Role at Quest Global, Bangalore (Oct 2007-June 2016)**   * Worked on SC03 plugin development, including functionality enhancement, code restructuring, and test case automation. * Developed various tools using VBA, Python, and SQL. * Performed on-wing engine performance analysis and fleet monitoring using Rolls-Royce EHM tool. * Conducted steady-state thermodynamic modelling for Rolls-Royce Trent series engines. * Interpreted data trends of Trent engines using Excel and Minitab.   **Engineer at ADA and NAL, Bangalore (Sep 2005-Sep 2007)**   * Created an Excel tool with VBA macros for flight data analysis. * Developed an Excel and ‘C’ tool to capture key flight events like liftoff, climbs, descents, acceleration. * Contributed to the manual development using ‘C’ and MATLAB. * Managed SARAS project data, detected outliers, and monitored engine parameters gas generator speed, oil temperature, ITT, and fuel flow rate.  |  | | --- | | **Education** |     **Bachelor of Science: Aeronautical Engineering**  **Aeronautical Society of India - New Delhi**   * Specialized in Propulsion * Lifetime Member of Aeronautical Society of India. * Excellent knowledge of FEA, Gas turbine and Flight mechanics  |  | | --- | | **Certifications** |      * Green belt certified in six sigma by Quest Global in year 2018. * Green belt certified in six sigma by Garrett Motion in 2023.  |  | | --- | | **Accomplishments** |      * Awarded the Bravo Silver Award at Garrett Motion in 2023. * Improved customer satisfaction ratings by 30% by identifying pain points and addressing them in weekly deliverables. * Achieved 100% customer satisfaction from Rolls-Royce in 2021 for work quality. * Completed the 'SC03 Software Support - 2021' project on time and within budget, despite high team turnover, by motivating existing employees and proactive hiring.      |  | | --- | | **Personal Information** |      * Father's name: Mr. Arun Kumar * Gender: Male * Date of Birth: 10th September 1980 * Marital Status: Married * Nationality: Indian * Passport: M-2687249 |
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