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| Manish Kumar  Project Manager     |  | | --- | | **Contact** |     Address  Bangalore, 560049  Phone  09845724932  E-mail  manish2357@gmail.com     |  | | --- | | **Skills** |     Project planning and development    Excellent  Project Management    Excellent  Advanced problem solving    Very Good  Technical Support    Very Good  Functional & Business Requirements    Very Good  FORTRAN    Excellent  C, Python    Very Good  C++    Good     |  | | --- | | **Software** |     Microsoft Office and VBA    Excellent  Microsoft Azure and Git    Very Good  SQL    Very Good  NX10 Nastran and SC03    Very Good  Matlab    Good  Minitab    Good     |  | | --- | | **Languages** |     English    Excellent  Hindi    Excellent | Motivated Project Manager with 15 years of experience in Aerospace and IT software domain. Managing 15 members' team and project at all stages starting from inception to completion. Successful at building and maintaining open communication between team members, customers and leadership. Excellent reputation for resolving problems and improving customer satisfaction.     |  | | --- | | **Work History** |      |  |  |  |  | | --- | --- | --- | --- | |  | 2015-06 - Current |  | **Project Manager**  *QuEST Global Engineering Pvt Ltd, Bangalore*   * Outlined work plans, determined resources, wrote timelines and generated initial budgets as part of project scope determination. * Oversaw large portfolio of projects to support teams, report progress and influence positive outcomes for key stakeholders. * Developed and maintained relationships with customers and key stakeholders of projects. * Maximized performance by monitoring daily activities and mentoring team members. * Controlled engineering activities to maintain work standards, adhere to timelines and meet quality assurance targets. * Prepared cost estimates, schedules and project specifications for proposals. * Provided technical direction of system development methodologies to support improved technical performance. |  |  |  |  |  | | --- | --- | --- | --- | |  | 2007-10 - 2015-09 |  | **Lead Engineer**  *QuEST Global Engineering Pvt Ltd, Bangalore*   * Controlled engineering activities to maintain work standards, adhere to timelines and meet quality assurance targets. * Worked on various SC03 plugin development. Majority of work was functionality enhancement, code restructuring, bug fix and test case automation. SC03 is Rolls-Royce in-house FEM software package. FORTRAN and C programming language has been used. * Developed various VBA, Python and SQL based tool for QuEST [Forward load tracker tool, Plotting tool for EHM, DPHH tool etc.] * Involved in on-wing engine performance analysis, fleet monitoring, and Engine health monitoring using Rolls-Royce EHM tool. * Steady state thermodynamic modelling for Rolls-Royce Trent series engines by using excel and ALICE. * Data trending and data interpretation of Trent engines using excel and Minitab. |  |  |  |  |  | | --- | --- | --- | --- | |  | 2005-09 - 2007-09 |  | **Engineer**  *NAL and ADA, Bangalore*   * Automated process of flight test data visualization of LCA using Matlab. * Developed plotting tool in Excel using VBA (macro). * Developed tool using excel and ‘C' to capture major event of flight cycle. Example: liftoff point, steep climb, steep descent, high acceleration etc. * Involved in development of operating data manual for pilots of Light combat Aircraft using C and Matlab. * Flight test data process (SARAS): Maintain database, segregate and supply data for different group, and outlier detection. * Monitored important engine performance parameter (Gas generator speed, Oil temperature, ITT, and Fuel flow rate) for their specified limits. |      |  | | --- | | **Education** |      |  |  |  |  | | --- | --- | --- | --- | |  | 2001-06 - 2005-06 |  | **Bachelor of Science: Aeronautical Engineering**  *Aeronautical Society of India -* New Delhi   * Specialized in Propulsion * Life time Member of Aeronautical Society of India. * Excellent knowledge of ****FEA, Gas turbine and Flight mechanics**** |      |  | | --- | | **Certifications** |      |  |  |  |  | | --- | --- | --- | --- | |  | 2018-06 |  | Green belt certified in six sigma by QuEST Global Engineering Pvt Ltd in year 2018. |      |  | | --- | | **Accomplishments** |      * Improved customer satisfaction ratings by 30% by identify the customer pain area and added that part to weekly deliverable. * Received 100% customer satisfaction ratings from Rolls-Royce customer for the quality of work in year 2021. * Completed the 'SC03 software support - 2021' Project on time and within budget especially when iteration rate of team was very high. It was achieved by motivating the existing employee to give their best 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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