RAGHU.K

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# Professional Summary:

* Decisive, action oriented and results focused professional offering 14 years of experience in Design, Development and Testing of Application Software’s for Healthcare, Avionics, Aerospace products with first 8 years focused on development and recent 6 years as Scrum Master/Project Manager.
* Hands on Experience in Healthcare Products like Speedvac, Healthcare Assets Management Applications Development and Testing activities in compliance with **IEC 62304 Class B standard**.
* Good Hands on experience in work package management from initiation to delivery and closure of the Projects.
* Good Hands on experience in handling the Agile Teams, Scrum way of collaborative working, Cultural awareness of different Geographic locations.
* Acted as **Scrum Master for Product teams** with a focus on guiding the teams towards improving the way they work and responsible for Scrum Events like Daily Scrum, Sprint Planning, Reviews, Retrospectives.
* Servant Leader with exceptional people skills, comfortable working with diverse group of people, expert in facilitating discussions, conflict resolution, building consensus and accelerated just in-time decision making.
* Responsible for Gathering requirements from the Product stake holders and Creating the Requirement Specifications, writing the elaborated User Stories with respect to product features, Feasibility Analysis, Design, Code Development and Testing.
* Responsible for **Stakeholder Management, Budget Management, Estimations, P&L accounting**, Resource Management like Utilization and Bench Management.
* Responsible for **communicating the various metrics (KPI’s)** to internal and external stakeholders.
* Responsible for daily/Weekly meetings with the client to address the work package status and to resolve issues.
* Responsible to participate in Quality Audits of CMMi process, AS9100 certification process.
* Taking various metrics at the end of work package execution as part of CMMi process and Capturing the best practices.
* Generating and implementing Automation ideas using tools like Python, UiPath to reduce the manual effort.
* Having good knowledge in design and development of RPA solutions to accelerate Business processes.

# Technical Skills:

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| Languages | Ada83/95, C, C++, C#, UML, Python, VB |
| Tools | Rhapsody 7.01, Rational Rose, Visio, MATLAB, Simulink, GNAT-GPS, Eclipse, Visual Studio, DOORs, JAMA, JIRA, Slack, SVN, Clear Case, Clear Quest, SVN, Serena Dimensions, TFS, IMAGE, ELIOS, Code Warrior, TFTP, RPA UiPath and PREP |
| Testing Environment |  AUnit, NECST, NEMESIS (Customer proprietary tools), SIB and RTRT |
| Operating Systems | Windows 2010, 2007, 2003, XP, 2000, NT, LINUX, Unix, Open VAX/VMS |
| Databases  | MS Access, Oracle 10G, MySQL |
| Development Approaches | Waterfall, Agile, Scrum, Kanban, SAFe (Scaled Agile Framework) |

# Experience:

**GLOBALTEKFORCECOM || COLLINS AEROSPACE (Cedar Rapids, IA), Scrum Master Dec’19 - Present**

**Project :** Platform Software (RTOS) – 1021 for AFD-3200

**Responsibilities:**

* As Scrum Master, help State subject matter experts in defining and prioritizing user stories.
* Responsible for ensuring agile & scrum theory and practices are well understood by teams.
* Ensure PO and Developers understand the importance of product backlog, sprint backlog, sprint planning, product backlog refinement, daily scrum, review & retrospectives, and scrum of scrums.
* Resolve conflicts, remove blockers, protect team, build consensus, foster trust, encourage innovation.
* Established Team working agreements, created Definition of Ready, Definition of Done and implemented team Scrum, Kanban Boards.
* Identified and negotiated internal and external dependencies during planning.
* Ensured plans are realistic based on velocity, team capacity, dependencies and risks.
* Conducted planning, Retrospective and derived action items for continuous improvement
* Participated in the Peer Reviews of artifacts and Supported Certification activities.
* Identify the root cause of software issues using appropriate analysis tools.
* Escalate and articulate the encountered technical software issues to project leadership in a timely fashion.

**TECH MAHINDRA || Combitech, Thermofisher (INDIA, SWEDEN & USA), Project Manager /Scrum Master Feb’12 – Nov’19**

**Projects:** Speedvac, Healthcare Assets Management Applications, AVICOM, DIPS, Counter Measure Dispenser Systems
 (CMDS), C3 Application for ATM

**Responsibilities:**

* I lead, managed and delivered several projects as part of the Centre of Excellence (COE) team. Worked in **Matrix Organization** catering to requirements of various clients (Healthcare, Avionics and Aerospace) of our organization.
* Responsible for the Scope definition of work package, planning of the work, monitoring& controlling and closure activities.
* Responsible for **Stakeholder Management, Budget Management, Estimations**, P&L accounting, Resource Management like Utilization and Bench Management.
* Coordinating the end-to-end Software Development Life Cycle for all the Projects (Design, Development, Testing and Delivery).
* Acted as **Scrum Master** and responsible for Daily Scrum, Sprint Planning, Reviews, Retrospectives.
* Established Team working agreements, created Definition of Ready, Definition of Done and implemented team Kanban Boards
* Identified and negotiated internal and external dependencies during planning.
* Ensured plans are realistic based on velocity, team capacity, dependencies and risks.
* Conducted planning, Retrospective and derived action items for continuous improvement
* Creating the requirement/functional specification documents and User stories using the JIRA, DOORS.
* Responsible for weekly meetings with the client to address the work package status and to resolve issues.
* Demonstrate the capabilities of on-going projects to potential clients.
* Having **Operations meetings to communicate the KPI’s** with all stake holders and Bi-weekly Management review meetings
* Participated in the Internal Quality Audits and AS9100 Certification Process.

**THALES SOFTWARE INDIA PVT. LTD || AIRBUS (INDIA & FRANCE), Sr. Software Engineer Apr’07 - Feb’12**

**Project :** FLIGHT MANAGEMENT SYSTEMS (FMS) for A400M Aircraft

**Components :** HMI (Human Machine Interface), FLIGHT- PLAN, PREDICTIONS

**Responsibilities:**

* Lead the HMI and Predictions Teams. Involved in planning and monitoring the work package until the delivery.
* Responsible for preparation of Tailored Software Configuration Management Plan (SCMP), Software Verification & Validation Plan (SVP) as part of Quality Process.
* Responsible for writing Low-level requirements from High Level Requirements in DOORS.
* Development of design and code for the requirements using the Ada, C language.
* Proposed the new Test architecture (automated tests) to the Client and negotiated for the acceptance and formed a new work package to implement new architecture.
* Responsible for Peer Reviews, Unit testing (White Box Testing) and debugging the issues using ELIOS Tool.
* Integration of HMI pages and building the single Integration System Build. Developed the Build tools using Python.
* Performing Maturity level testing (Black Box Testing) on System Bench.
* Performing pre, post-delivery activities – RCA, M&A and Participated in Quality Audits.
* Represented as a Quality Functional Area Representative for CMMi-Level3 certification.
* Involved in the SOI-3 Audit for A400M IOC Certification.

**PROCESSWARE SYSTEMS PVT. LTD || HAL (INDIA), Software Engineer Sep’05 - Apr’07**

**Project :** OAC-MASTER for Tejas Aircraft

**Subsystems:** Pilot warning management, Display system, Oxygen system, Helmet Mounted Display

**Responsibilities:**

* Involved in SRS analysis and review. Developed the code for Software using Ada95, C language.
* Performing the White Box Testing and Black box Testing. Implementing Change requests.

# Education:

* Executive Business Management for Technical Professionals from International Management Institute, 2016, Delhi
* B.Tech. in Computer Science and Engineering from JNTU University, 2005, Hyderabad.