**Purushottaman Ramanathan**

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**Mobile**: +91-**90 4700 7400**

**Career Objective**

To effectively manage and lead a TEAM by example, in a challenging & innovative environment, where I can utilize my acquired technical & managerial skills and thereby achieve organizational and personal goals.

**Work Experience Summary (Total Exp.: ~16.5 Years)**

* Working as a ‘**Senior Software Project Manager’** in **ZF Commercial Vehicles** **Solutions (CVS)**, Chennai from April 2022 to till date.
  + Managing critical Customer Software projects with end-to-end responsibility from initiation till closure on Advanced Driver Assistance Systems (**ADAS**) domain by effectively interfacing with different teams including System team & Software project teams.
* Worked in a ‘**Project Manager’** role in **RENAULT-NISSAN Technology & Business Centre India (RNTBCI)**, Chennai for **~7 years** from 2015 to 2022.
  + Managing Research & Development Projects on Advanced Driver Assistance Systems (**ADAS**) & Autonomous Driving (**AD**) for **RENAULT**, Techno Centre Renault (TCR), Paris, France.
  + Leading a high-performing E/E Architecture, Systems Engineering, Model Based Development & Validation team of several skilled Engineers working on Cutting-edge & State-of-the-art Automotive technologies on Parking & Awareness functions.
* Worked as a ‘**Project Leader**’ in **L&T Technology Services**, Chennai during 2013 to 2014.
* Leading the Wind Turbine Software Project for the Client **VESTAS Technology R&D**, Chennai.
* **Project planning, estimating, controlling and mentoring with Agile-SCRUM methodologies.**
* Worked as an **Assistant Lead Engineer** (Wind Turbine) in **VESTAS Technology R&D**, Chennai during 2011 to 2013.
* Hands-on experience in recruiting, training, leading Turbine Software development team.
* Well-versed with the agile methodologies & experience in **SCRUM** implementation.
* Excellent knowledge of product development process.
* Worked as a **Senior** **Associate Engineer** (**Automotive domain**) in **CATERPILLAR** India Pvt. Ltd - **E**ngineering **D**esign **C**entre, Chennai during 2008 to 2011.
* Hands-On experience in **R**equirement Analysis, Software **D**esign, **C**oding and **T**esting (**RDCT**) of Automotive Embedded Software.
* Worked on Diesel Engine Software Program for EPG, Locomotive applications.
* As an eminent **Trainer**, provided Technical & Process trainings to new employees.
* **Initiated** & **Involved** actively in a **6 Sigma project** on 5S & Process Improvements.
* Worked as a **Senior** **Software Engineer** (***Embedded Automotive***) in Robert **BOSCH** India, Bengaluru during 2004 to 2008.
* Application Software development for Diesel Engines (Passenger Cars: BMW, VW & Audi)
* Active participation in **Real-Time Vehicle Testing**.
* **Onsite work experience** at Robert BOSCH office in Stuttgart, **Germany**
* Conversant with **MISRA** (QA-C) coding guidelines for Automotive Embedded Software.
* Worked as a **Quality Inspector** in General Electric (**GE**), Bengaluru during the year 2004 *(for 6 months)*.

**Educational Profile**

S.S.L.C **93 %** (**Topped at School Level**)

H.S.C **90 %**

**B.E.** (**E.E.E**) **76.2 %** (Crescent Engineering College, Chennai)

**Leadership Profile**

* Organized and goal & result-oriented with strong Customer focus.
* Experience working in **multicultural & cross-functional** business environment.
* Hands-on experience in Vendors (TCS, KPIT etc.) Account Management for Effective project executions.
* Excellent Mentoring & Coaching skills.
* Recruiting (*by Walk-In Drives*), developing and retaining the top Talents in the Industry.
* Strong Process mindset.
* CAPEX & WL-WF Pilot and Resource Coordinator.
* Analytical problem-solver, able to anticipate issues and generate new ideas that streamline operations, resolve concerns and improve efficiency.
* Skilled in building excellent rapport with Team members & Clients alike. Able to see the big picture, delegate effectively & motivate team members to achieve on-time project completion with best-in-class Quality.
* Coordinated events for department level team building activities.
* Active Safety Group member (Safety Walks, Emergency evacuation planning etc.).
* Trained & Certified on CPR, AED and Trained on First Aids by ‘St. John’s Ambulance’ &

on Fire Safety by ‘Usha Fire Safety’.

* Played a major part in making organizations **'Go Green'** by several creative ideas.

**Skill Set**

* Solid know-how on ADAS & AD (Autonomous Driving) trending technologies.
* In-depth knowledge on Parking and Awareness functions for ADAS/AD.
* Proficient in Model Based Design (MBD) & Validation and Embedded C programming.
* Good knowledge in **R**eal **T**ime **O**perating **S**ystems (**RTOS**).
* Quite familiar with **SDLC** & **PDLC**.
* Expertise in Coding, Testing & De-bugging of Automotive Embedded Software.
* Familiarity with Software Architectures (Waterfall, V-model, Agile etc.).
* Thorough knowledge in Quality Management Systems: CMMi, ASPICE, **6 Sigma** & ISO Standards.
* **Strong skills on all the facets of** “**Project Management**”.
* Creative Ideas generation and implementation.
* Very good problem solving and De-bugging Skills.
* Good Oral and e-mail communication skills.
* Excellent Inter-personal & Presentation skills.
* Strong hands-on experience with **Microsoft Project**.
* Preparing and going to appear for the **PMP** Certification Exam from **Project Management Institute** **(PMI)**

**MAJOR HIGHLIGHTS @ ZF CVS, Chennai**

* Strong Project Management practices for planning, executing, monitoring and controlling AUTOSAR SW projects involving BSW and ASW Development & Validation alike.
* Sole responsible for SW releases both Internal as well as Customer releases.
* Budget forecasting and resources planning for the projects.
* Good understanding of PEP process for product development.

**MAJOR HIGHLIGHTS @ RENAULT-NISSAN, Chennai**

* Leading trending technology Projects (E/E Architecture, Systems Engineering, Development & Validation) on the ADAS features like Lane Keeping Assistant (LKA), Automatic Parking Control (APC), Context Adapted Speed & Prevention (CASP), Contextual-ACC, Rear Cross Traffic Braking (RCTB), Rear-Autonomous Emergency Braking (R-AEB), Driver Monitoring Camera (**DMC**), etc.
* E/E Architecture (ISR creation etc.), Model Based Systems Engineering (MBSE) using Magic Draw, MBD (MATLAB/Simulink), MIL (SCANeR similar to IPG CARMaker), SIL, PIL, HIL, SCA and In-Vehicle Validation of key ADAS features.
* **Complete Project Management from Project initiation to Planning to Execution to Monitoring to Control till Closure.**
* **On-site work experience with Customers in Techno Centre Renault (TCR), Paris, France**
* Proto-Car Development: In-Vehicle (Duster-AMT) Validation of Lane Departure Warning (LDW) feature of ADAS using RACAM (RADAR-CAMERA)/Front Camera ECU.
* Quality of Management (QoM) & Quality Management System (QMS) pilot for our Vehicle Embedded Department (Compliance to Quality Standards - Internal & External Audits).
* In-depth knowledge of Capital Expenditures (CAPEX) – Purchase process flow, right from RFQ and execution.
* Customer Satisfaction Ratings - consistently above the set Targets.

**MAJOR HIGHLIGHTS** @ **VESTAS Technology R&D and L&T Technology Services, Chennai**

* Been instrumental in bringing up the SCRUM factory on board and **implemented Agile practices** for our VMP Global–Turbine Software Development team.
* Actively involved in SPRINT planning, Daily Standup as part of **SCRUM** activities.
* Implemented many **ideas** in SCRUM project management (Ex. Retrospective Meetings).
* **Effectively managed** the team in bringing down the product backlogs to zero in my functional area within a very short span of time.
* Acquired knowledge on the Project Management Tool, Atlassian JIRA.
* As a **Team lead**, manages a team of five on both technical & managerial fronts.
* Initiated cross-training with other departments to improve work flow and streamline project completion.
* **Initiated** ‘Best Practices & Lessons Learnt’ meetings within the team.
* Awarded ‘**Performer of the Year**’ within 5 months from joining VESTAS.
* Received several *Appreciations* from Customers and Management for delivering results above and beyond expectations.

**MAJOR HIGHLIGHTS** @ **CATERPILLAR - E**ngineering **D**esign **C**entre**, Chennai**

* As a **Workgroup lead**, managed the team of two members on technical front.
* Assigning new Activities, tracking and managing the workload of the team members.
* **Mentoring & Coaching** for new team members.
* Peer Reviewer for all the phases of SDLC.
* Worked on projects with **Tier4** emission regulations (in USA).
* Script Automation (ClearCase automation using **Perl** & **Automation** in **TRACE32**).

**MAJOR HIGHLIGHTS @ Robert BOSCH, Bengaluru**

* Involved in **Development and Testing** of all the Software functions for our projects.
* Identified as one of the **Expert Reviewers** in the team.
* Awarded as **'Employee of the Month**' for the very good quality of my work in a tight schedule & subsequent Customer Satisfaction.
* Compliance to all quality processes throughout the Software Development Life Cycle.

**Professional Achievements**

* Successfully delivered **High Quality Software,** to several Customers across the Globe, **within Cost & on-Time (Q-C-T), a**lways ***till date***.
* Received innumerous appreciations from the Global Customers for the several jobs well done.
* Presented innovative ideas (in ADAS) in the Paper presentation contest in Renault-Nissan.
* Active member of the ‘**Best Project**’ team in the department level (Robert **BOSCH**).
* Received **appreciations** for taking **initiatives** and **developing automated Perl script** for effort saving and to increase productivity & quality of the entire team.
* Generated & Implemented several **creative ideas** in our organizations.
* Won **first prize** in the 6 Sigma Quiz Competition(**CATERPILLAR**).
* **Always excelled in the Annual Performance ratings in all the Organizations**.
* **Mentored** a ‘Graduate Engineer Trainee’ in my team and equipped him get a permanent

Employment with the organization, **VESTAS**.

* Completed ‘German’ Language course (Level-1) with distinction from ‘Goethe Institute’ &

‘French’ Language-Crash Course.

**Personal Profile**

Name: **Purushottaman R**

Father’s Name: Late. Mr. Ramanathan D

Mother’s Name: Mrs. Kasthuribai R

Languages Known: Tamil, English, Kannada; German & French (Basic)

Passport Number: **S2816909**

Hobbies: Playing **CHESS**, Reading Magazines

**DECLARATION**

I hereby declare that the facts stated above aretrueto the best of my knowledge and belief.

Yours Sincerely,

**Place:** Chennai

**Date: (Purushottaman R**)