

G.H.V.S.Natarajani

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SUMMARY OF PROFILE

- 6+ Years of experience as Build Manager, Validation Engineer & Integration tester in the area of automotive domain.
- Lead / Support Evaluation Procedure Development.
- Currently associated with Robert Bosch and working as Senior Software Engineer for RBU project.
- Having good experience on Integration tools such as AEEE, Shark CC, ALM, Test IDE.
- Having good experience in testing tools such as X-flash, MM6, Project loader, TkWinx.
- Knowledge of GSCP process guide, automotive SDLC and Testing.
- Involved in Requirements analysis, development and implementation and testing.
- Experience in requirements management tools like IBM Rational DOORS.
- Work proactively with System engineering and other function groups to gather requirements.
- Maintain and update requirements as they change and for new variant lines introduced. Able to create views, interfaces and maintain links in DOORS.
- Experience in creating requirements that are organized in a manner that is reusable across multiple projects.
- Good at analyzing and updating the DOORS modules at level DML/GSRD/SHRD/PDD, generation of metrics report and implementation of RTD for project.
- Experience in integration testing and functional testing on hardware (build manager process).
- Experience in CAN, DSA, Trace32, Excel, Word.
- Develop Schedules, Criteria and Requirements.
- Prepare & Conduct tests and reports.
- Analyze and interpret resulting data from tests.
- Good overview and understanding of project life cycle and involved activities like customer requirements management, internal requirements, change request process and change requirement management.
- Strong ability and desire in completing the project on time.
- Quick learner and enthusiasm to learn new technologies.

TECHNICAL SKILLS

- **Programming Languages:** C
- **Tools:** IBM Rational DOORS, CM Synergy, SWIT,CAN,DSA,Trace32, X-flash, MM6, Project loader, TkWinx, GIT
- **Testing Systems:** VectorCast, CanOe, DSA, AEEE, Shark CC, ALM, Test IDE.
- **Operating Systems:** Windows 07 & 10

EDUCATION

- **Bachelor of Engineering (B.Tech) in Information Technology (2015)**, Jawaharlal Nehru Technological University, Kakinada.

PROFESSIONAL EXPERIENCE:

Robert Bosch
Integration Engineer (Sr. Software Engineer)

Jan'19-Jul 29th 2022

Project	RBU – Integration	
Organization	Robert Bosch	
Project Description	Redundant Break Unit (RBU)	
Software	Operating System	Windows 10
	Tools	X-flash, MM6, Project loader, TkWinx, AEEE, Shark CC, ALM, Test IDE
Responsibilities	<ul style="list-style-type: none">• Making changes in ALM according to the release like adding models and part Numbers before Integrating the Software• Load the Software through project loader.• Flash the Software on hardware using MM6 and X-flash tool projects.• Functionality Braking testing on hardware• Reading the Data using DID's• Basic Diagnostics testing using TKWINX tool and Dynamic test• Perform End of line testing once Software is working fine• Updating the data into share point	

KPIT
Validation Engineer

March'18 – Dec'2018

Project #1	GM – Validation	
Organization	KPIT	
Project Description	Clusters	
Software	Operating System	Windows 2007
	Tools	Canoe, DPS, Vehicle spy, RADMOON
Responsibilities	<ul style="list-style-type: none">• Flashing the binaries on hardware using DPS and RADMOON tool (for GM) projects.• Functionality testing on hardware• Reading the Data using DID's• Basic Diagnostics testing• Updating the data into share point	

DELPHI AUTOMOTIVE SYSTEMS PVT. LTD, Bangalore
Requirement Management & Build Manager (Software Engineer)

Jan'16–Feb'18

I worked as Requirements management and Build Manager for VOLVO – SPA projects and worked as System engineer on Doors tool in Delphi Automotive Systems Pvt. Ltd., Bangalore.

Requirement Management:

Project	Volvo Cars SPA (BOLERO)
Organization	Delphi Automotive Systems Pvt. Ltd.
Project Description	Body Control Module
Tools	IBM Rational DOORS, CM Synergy, SWIT, C.
Responsibilities	<ul style="list-style-type: none">• Responsible for GSCP (SPICE) ENG.01, ENG.02, ENG03, ENG05, ENG10 activities• Capture and analyze customer requirements• Perform requirement management in DOORS in compliance to SPICE and ensure the traceability of the requirements. Requirement traceability document generation• Generation of Metrics report and implementation of RTD

BUILD MANAGER:

Project #1	VOLVO Cars– SPA and GEELY - CMA	
Organization	Delphi Automotive Systems Pvt. Ltd.	
Project Description	Body control Modules	
Software	Operating System	Windows 2007
	Tools	Nexus debugger, JTAG debugger, CanOe, DSA flashing tool, CM Synergy and sharepoint
Responsibilities	<ul style="list-style-type: none">• Updating the part numbers and generating binaries• Flashing the binaries on hardware using DSA tool (for VOLVO) projects.• Functionality testing on hardware• Reading the part numbers using DID's• VCC library integration• CPU load test and Sleep test• Basic Diagnostics testing• SWVD & SWWCA documents and other release documents updating	

Project #2	VOLVO Cars– SPA and GEELY - CMA	
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Organization	Delphi Automotive Systems Pvt. Ltd.	
Project Description	Body control Modules	
Software	Operating System	Windows 2007
	Tools	Nexus debugger, JTAG debugger, DSA flashing tool, CM Synergy and sharepoint
Responsibilities	<ul style="list-style-type: none"> ● Updating the part numbers ● Flashing the binaries on hardware using DSA tool (for VOLVO) projects. ● Functionality testing on hardware ● Reading the Data using DID's ● Updating the data into SWIT tool 	