

KAVYA KETHIREDDY

PROFESSIONAL SUMMARY

Forward-thinking Software Engineer with background working effectively in dynamic environments. 2 years of experience as a Software Tester with strong Verification & Validation skills in railway domain and well versed with SDLC and STLC. Proud team player focused on achieving project objectives with speed and accuracy.

WORK HISTORY

Software Engineer, 10/2018 to Current

Cyient Ltd, Hyderabad - Hyderabad

Projects:

1. ETCS Core P8 is an application Software, which is the main process in ATPCU R4. It describes how the software is structured into modules and groups of modules and how they interact. The various application software components are IO, Kernel, Application Support, TI and Vital Framework. Each component has various modules, Odometry Handler, Brake control, SPL Handler, Brake interface Handler are the modules that I have majorly worked on.

2. The OPC subsystem shall act as a gateway for transporting data between MVB and CoHP-2 as well as data between Profibus and CoHP-2 and is constituted of 5 modules Error Handler, communication Handler, Profibus Gateway, Application Support, and Task Manger.

Responsibilities:

Worked closely with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability and performance.

Conducted regression testing, analyzed results and submitted observations to development team.

Participate in planning/reviews meeting.

Build a stable test environment for testing various modules using VectorCAST testing tool.

Creating/Updating Test Cases (Adhering to SIL 4), perform Lint Analysis and generate the reports.

Reviewing the Test cases, Documents and the reports generated to ensure quality.

Understanding the requirements and developing the Test cases accordingly.

Developing and Archiving the Module documents in the Synergy Database.

Verifying the updated/changed software and send for Validation

Understanding the requirements and developing the Test cases to satisfy the requirement.

CONTACT

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SKILLS

Operating System: Windows Family

Languages: C, C++

Tools:

Vector CAST

UNITE

Beyond Compare,

Understand C/C++

IBM Rational Synergy

GIT

Doors

SPSS

OTHERS :

Agile ,Scrum

Testing and maintenance

Code Reviews

Software Documentation

Bug Tracking

Test Processing

Test Strategies and Requirement

Coverages

CERTIFICATION:

- ISTQB Foundation level Certified
 - Certified Research Analyst from International institute of Procurement and Market Research
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Intern, 12/2017 to 09/2018**Cyient** - Hyderabad**Project: RCS_SOF_CT_PIT****Description:**

The Region ATP system is a dual-channel cross-checked redundant architecture using fail-safe principles. To ensure system safety, two CPUs independently read the same inputs and determine the proper state of the outputs. All inputs and outputs are then cross-checked by each CPU board to ensure that no undetected single-point failure can occur. All safety related outputs are either fail-safe in design or are implemented with dual output architecture so that a single failure in the output hardware cannot cause an unsafe condition.

Responsibilities:

Prepared and submitted reports and other documentation to assist tester team members.

Used tools such as VectorCAST, Understand C on regular basis.

Analyzed source code to identify and rectify potential functionality issues.

Partnered with company mentor to learn best practices in software design.

Collaborated with other developers to identify and alleviate number of bugs and errors in software.

Management Intern, 05/2016 to 07/2016**FUTURE LIFESTYLE FASHION** - Bangalore**PROJECT: Customer Experience Management,
Central, Bangalore.**

In depth study of the dynamics of the Retail sector and a detailed study on the different types of customers and their experience and expectations. A detailed study on customer satisfaction based different touch points in Bangalore central.

Tools:

SPSS to analyze the research results.

EDUCATION**MBA, Marketing, 07/2017****Alliance University** - Bangalore

GPA: 7.6

**Bachelor of Technology, Electronics And Communications
Engineering, 04/2015****Pace Institute Of Technology And Sciences** - Ongole

GPA: 8.15
