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| **MANU.D.R Contact No:** 8884738464  **Email:** manudr95@gmail.com **Summary:****Software Engineer** with 2 **Years** of experience in Software Development and Software testing. Six months of experience in software development. Problem-solver skilled in reviewing, fixing and improving code to maximize product performance and usability Quality assurance professional committed to confirming proper functionality and usability of software products before release. Reviews software documentation to verify technical accuracy and completeness and to mitigate risks.**Education:**Bachelors of Engineering in Computer Science and Engineering, 2016 from Visveswaraya Technological University, Belgaum with an aggregate of 67%. **Professional Experience:**  * Working as Software Engineer in BAeHAL Soft Ltd (Aeronautical Development Establishment )from May 2022 to Jan 2023.
* Worked as Test Engineer in Savithru Technologies from June 2019 to December 2020.

**Professional Summary:*** Responsible for developing, Design and unit testing of middleware and UI components for Interactive Program Guide and other software application and develop user interfaces, native applications and user interaction design for device applications.
* Provides system and application support, and troubleshooting issues.
* Requirements understanding, design and development of new features.
* Good experience in **Visual C++ 6.0.**
* Good experience on **OOPS** concept.
* Good experience in UI designing using **Bitmaps and Visual C++.**
* Enhances of existing features as mentioned by customer.
* Good knowledge on Core JAVA.
* Good experience in Manual testing .
* Having good knowledge on manual testing concepts and skills.
* Having good analytical skill to comprehend Business requirement.
* Good understanding of Software Development Life Cycle (SDLC) and Software Test Life Cycle (STLC),its methodologies.
* Good knowledge of test process, creation and understanding of test artifacts like test plan, test case etc.
* Good experience in preparation and execution of test cases.
* Good experience in Core **Java and OOPS concepts.**
* Good experience in C++ and MSSQL.
* Analysis of test requirement and automation feasibility.
* Having the hands-on MSSQL and Oracle.

**Technical Skills:**Programming Languages : Visual C++,Core JAVA, Basics of CData Base : MSSQL,OracleDevelopment IDEs : Eclipse , MFC 6.0.Operating System : Windows and Linux**Projects:****Project Title :** SLCM**Duration :** May 2022 to Jan 2023**Team Size :** 11**Role :** Software Engineer**Technologies :** Visual C++ 6.0,ADLINK PCI 7256,**Environment :** Windows,MS SQL**Description :** NFCC is cruise missile system. Cruise missile is a flying missile which is guided to its target by an onboard computer. Here we have used two applications that is Fire Control Check Out System and Article Simulator. * Here we used **Millitary Standard 1553B Protocol** and **RS422 and A2D cards**. These systems works based on these protocols. MIL-STD-1553B defines the term Time Division Multiplexing (TDM) as “the transmission of information from several signal sources through one communications system with different signal samples staggered in time to form a composite pulse train”.FCCS sends the data and ARTS receive the data and acknowledged it.
* **MIL-STD-1533B** system consists of a Bus Controller,Bus Monitor,Standalone Remote Terminal with one or more sub systems communicating with it, A subsystem with am embedded RT. There is only one Bus Controller at a time on any MIL-STD-1553 bus. It initiates all message communication over the bus.
* **ADLINK PCI 7256** relay actuator and isolated digital input card PCI bus solution for industrial digital I/O applications. The card provides 16 latching relay actuators and 16 opto-isolated digital inputs. All relays are Form C type.

**Roles And Responsibilities** * Study and Analysis of Software Requirement.
* Developing functionalities for both FCCS and ARTS.
* Developed user Interface for FCCS and ARTS application using VC++6.0 and Bitmaps.
* Developed functions for sending and receiving data between FCCS and ARTS.
* Developed functions for fault simulations.
* Involved in Hardware connections.
* Involved in Software testing.
* Participated in regular project status meetings related to testing.
* Identified Defects, report them and Retesting the fixes.
* Involved in daily meetings and review meetings.
* Creating SRS document for ARTS and FCCS.

**Project Title :** NPS**Duration :** June 2019 to December 2020**Team Size :** 6**Browsers Tested on :** Chrome,Firefox**Role :** Software Engineer**Technologies :** PHP,Java, Hybrid framework, HTML, Apache, Oracle, Android Studio **Description:** This Project is School Manage System for managing the student teacher records and other school Activity which involves student tracking system built on web based technologies. It provides facilities to keep the records of student, fees, teaching and non-teaching staff with all their required details along with all required transaction handling. It has facilities to generate various types of reports, which are required by the management during normal business operations to operate the business effectively.**Roles and Responsibilities:*** Study and analysis of the SRS requirement document.
* Conducting Sanity and End-End Testing.
* Preparing Test execution report based on the Test results.
* Logged Defects.
* Participated in regular project status meetings related to testing.
* Writing and executing Test scripts .
* Identifying features for the regression testing and performed Regression Testing.
* Reviewing Test Scripts developed by the Team members.
* Executing the test scripts, analysing the results and updating the status.
* Identified Defects, report them and Retesting the fixes.

**Academic Project:**Project Name : “A Novel Steganography System Using Mobile Device as an Interface”. Description :An android steganography application that implements image steganography using pixel insertion technique with random number generation .The goal of the application is to securely transmit the secret message to the server and effective retrieval of secret message at the server in it’s original format. Environment : Java, Android Studio, Ecllipse. **Acheviments :*** Secured state-first rank in International Maths Talent Exam (2008-09) organized by I.C.E.T.C., Davangere. Secured first class rank in International Science Talent Exam (2008-09) organized by I.C.E.T.C., Davangere.
* Leader and Volunteer in various organizational activities.

**Personal Details:**Date of Birth : Dec 30 1995  Gender : Female Father’s Name : Ravikumar D K Languages : English , Kannada , Hindi Address : #304,5th main, BEML Layout, Basaveshwara Nagar,Bangalore. **Declaration:**I Manu D R, hereby declare that all the particulars furnished above are true and correct to the best of my knowledge. Place: Bangalore.

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