

RAYIDI HEMA

Software Developer

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Summary

Looking for a challenging role in a reputable organization to utilize my technical skills for the growth of organization as well as to enhance my knowledge about new and emerging trends in IT sector.

Education

- B.Tech from JNTUK with an aggregate of 76% from 2013 to 2017 in the stream of CSE.
- Intermediate from Vignan Junior College with an aggregate of 93% from 2011 to 2013(MPC).
- SSC from Jai Bharath Public School with an aggregate of 87% from 2010 to 2011.

Skills

Programming Skills	C++, Microsoft Foundation Class (MFC) Library, Win32, STL, Qt
Tools	Visual Studio 2015/2017, SVN, GitHub, Source Tree, Jaws, CRM SPY, Qt Creator, Rhapsody, WeCan, ODI Simulator, Hmic Designer
Operating System	Windows Family

Professional Summary

- Experienced in developing Windows Desktop (GUI), Window Services using Microsoft Win32 API, MFC Framework, and Visual C++.
- I have used Qt signal & slot mechanism to communicate between two objects.
- Hands on experience on creating the widgets and adding the features to the existing widget.
- Developed Customized Toolbars, Controls and Layouts and to set the focus on a specified widget, to improve the Analytics Productivity.
- Good Exposer in Standard Template Library Containers.
- Strong problem solving, analytical and object-oriented programming skills.
- Good Experience in C++ Concepts like Run Time Polymorphism, Type castings, Constructors.
- Having Good Knowledge on MFC Modal/Modeless Dialog boxes.
- Experienced on Agile Development Methodologies SCRUM etc.
- Good Understanding in Window Message Map Architecture and Message Handling Mechanism in MFC library And Win32.
- Good Experience in Designing the Technical documents like Sequence and Flow Diagrams.

- Good Exposure on Dialog based as well as SDI/MDI (Doc/View Architecture).
- Experience in debugging and bug fixing.
- Having Basic knowledge on Python and XML.
- Great organizational and time management skills.
- Effective team player with good communication and interpersonal skills. Experience working in Agile environments and collaborating with cross-functional teams.

Experience

People Tech Group (01/2022 to Present)
Client: <i>General Motors</i>
<p>Project: <i>Tooling & IPC</i></p> <ul style="list-style-type: none"> • GM wanted to improve the way they designed and built Human Machine Interfaces (HMI) for In-Vehicle-Infotainment system. • Worked with the design teams at GM to completely revamp their HMI process for their in-vehicle displays. • The process allows GM to generate prototypes of the UI and functionality on a simulator within a week of the design being developed supporting early usability and quality. • In current project we have different power modes like OFF, ACC and Run modes based on power mode will show the respective screens. • In off mode will show the animations like brand looping when door open and close • In ACC mode also will show the screens similar to off mode • In Run mode will show the gauges like speedometer, needle rotation, tachometer, temperature, date and time and will have some more gauges. • Similar way we have drive modes as well sport mode, tour mode, and track mode all are like similar but gauges are different by looking wise and based on drive mode will have some more extra icons. • we have 8, 11, 14, 29,34, 54 variants are there based on variant gauges and animations are different. • I have used Qt signal & slot mechanism to communicate between two objects. • we have two types of vehicles Bev and ice. Bev is electric vehicle and ice is fuel engine. for Bev & ice gauges are different. • we have telltales and alerts are also there. Telltales is like showing some indications it looks like small icon. Alerts are like displaying some text on screen.
Marlabs Innovations Pvt. Ltd (04/2020 to 12/2021)
Client: <i>Cerner Corporation</i>
<p>Project: <i>Clinical Centers – SNSurginet</i></p> <p>Surgical PowerChart allows you to access Patient focused surgical information system that automates and organize the workflow and managerial duties throughout the surgical facilities.</p> <p>Surginet supports</p>

- One-call scheduling and reporting
- Booking appointments
- Operating room case status tracking.
- SurgiNet Report Builder is enables you to build and customize reports for your clinical area and provides great flexibility with its report layout feature This application typically is used for daily transaction, or non-management, types of reports
- Report Builder also is an organizational tool that enables you to bundle reports and filtered data into groupings. Use this feature to run a group of reports at one time or send filtered data to different locations, such as to printers in different areas of an institution
- In this tool you can define events, event groups, event and event group associations, event security and event rules.
- Implemented some specific fields like Primary Surgeon, Secondary Surgeon, Medical Service and Result by Value so that we can see the data on that particular field.

Project: ***Accessibility – Message Center***

- Cooperate with designers to create clean interfaces and simple, intuitive interactions and experiences.
- Develop project concepts and maintain optimal workflow.
- Work with senior developer to manage large, complex design projects for corporate clients.
- Complete detailed programming and development tasks for front end public and internal websites as well as challenging back-end server code.
- Carry out quality assurance tests to discover errors and optimize usability.
- Worked on multiple Screens to set the focus on controls for traversing forward and reverse tab order.
- We can see the Patient details in list view like mobile number and name, date etc. by using up & down arrows.
- Used Jaws tool. Where it reads the information on whole screen so that blind people can easily use these applications.
- We have lab reviews as well with the blind and dumb people. Based on their confirmation we will release the screens.

Roles & Responsibilities

- Writing, testing, debugging, and maintaining code for software applications. This involves working with various programming languages, frameworks, and tools.
- Understanding and analysing user requirements and project specifications to design appropriate software solutions.
- Writing code and developing software applications according to the project requirements and specifications.

- Translating software requirements into code, implementing algorithms, and using programming languages to develop the software.
- Participating in code reviews to ensure code quality, adherence to coding standards, and knowledge sharing among team members.
- Conducting thorough testing to identify and fix bugs, errors, and performance issues in the software.
- Working closely with other team members, such as project managers, designers, and quality assurance, to ensure the successful delivery of the software.
- Creating documentation for the software, including technical specifications, user guides, and code comments to facilitate future maintenance and understanding.
- Utilizing version control systems like Git to manage code changes, collaborate with team members, and track project progress.
- Providing ongoing support and maintenance for existing software, including addressing bug fixes, updates, and enhancements.
- Embracing agile methodologies and participating in agile ceremonies like sprint planning, stand-ups, and retrospectives.

Place:
Date:

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