**Mukkapalli Anvesh Yadav**

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**Contact:** +91 7780603593.

***Professional Synopsis***

* A dynamic professional with around **3.8 years** of rich experience in C and C++ product development.
* 2.5+ years of experience in **Windows desktop application Programming** and 1+ year in **Windows Driver Development**.
* Extensive knowledge and experience in all stages of the **Software Development Life Cycle (SDLC)** beginning from initiation and definition to deployment and support using methodologies like **Waterfall** and **Agile**.
* Good experience in data protection, storage domain and client-server architecture.
* Good experience in **MFC**
* Awareness in **COM** programming.
* Experience in designing and using **DLLs**.
* Having good knowledge on the usage of **SQL** Queries.
* Experience in **Install Shield** Tool and **Sub Version (SVN)** usage.
* Hands-on providing **multilingual** support for MFC applications.
* Having an experience in direct communication with Clients via E-Mail/ Tele Conference.

***IT Skills***

|  |  |
| --- | --- |
| **Languages** | C, C++, SQL. |
| **Technologies** | VC++, MFC, Win32 and awareness on COM. |
| **Databases** | MS Access, SQL server. |
| **Operating Systems** | All versions of windows from Windows XP onwards. |
| **Tools and kits** | Microsoft visual studio 2008-20, JIRA, SVN, WinDbg, GitHub, Install shield |

***Experience***

* Presently working with **NCR Corporation India Private Limited, Hyderabad** as a Software Engineer-I since June 2021.
* Worked with **Elico Limited, Hyderabad** as a Software Engineer from November 2018 to May 2021.

***Academic Qualifications***

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **Degree** | **College, University** | **Percentage (%)** |
| 2018 | B. Tech (Computers) | CMR institute of Engg. and Technology, Hyderabad | 69 |
| 2013 | Intermediate | Kakatiya Jr College | 96.6 |
| 2011 | S.S.C. | Sarma High School, Nizamabad | 94.4 |

***Project Details***

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**Project Name:** **USB Barcode Reader**

**Role:** Software Engineer

**Technologies:** C and C++

**Description:**

NCR deals with ATMs, having barcode reader hardware. For different types of barcode reader devices, single component was designed and developed. My main task was to map the barcode reader component with the respective hardware in the ATM. The main challenge was to support a wide variety of barcode reader modules hardware from various vendors.

**Responsibilities:**

1. Customization of the component functionalities as per requirement.
2. Development based on the requirement
3. Code analysis and review, document review, unit testing and bug fixing.

**Project Name:** **USB Contactless Card Reader [NCR Corporation]**

**Role:** Software Engineer

**Technologies:** C and C++

**Description:**

NCR deals with ATMs, having contactless card reader hardware. For different types of contactless card reader devices, various component was designed and developed. My main task was to map the contactless card reader component with the respective hardware in the ATM. The main challenge was to support a wide variety of contactless card reader module hardware from various vendors.

**Responsibilities:**

1. Customization of the component functionalities as per requirement.
2. Development based on the requirement
3. Code analysis and review, document review, unit testing and bug fixing.

**Elico Limited:**

ELICO Ltd is a leading Analytical Instruments Design & Manufacturing Company established in 1960 headquartered in Hyderabad, Telangana. It is the first Analytical Instrumentation Company in India and the first Electronics Industry in the State of Telangana.

Over the decades it achieved the leadership in developing indigenous Analytical Instruments with a strong Intellectual Property Rights base. A wide range of instruments are being designed, developed and manufactured to be used in Agriculture, Research & Academia, Healthcare, Environmental, Pharmaceutical, Life Sciences, Chemical, Petrochemical, Steel, Cement and others.

Apart from instrument development and manufacturing with its strong base of systems certified for ISO 9001, ISO 14001 & ISO 27001 standards, ELICO provides R&D and Manufacturing Services to Global Analytical Instrument Companies.

***Projects Handled***

**Project #1: EasyMatchQC Company: ELICO Ltd, Hyderabad**

**Client** : HunterLab, Reston, Virginia, USA.

**Team Strength** : 3 members.

**Period** : Dec’2018 to Till Date.

**Environment and Technical skills used** : **VC++, MFC, ActiveX, ATL.**

**Role** : Involved in documentation, implementation and Testing Phases.

**Description:**

EasyMatchQC software provides unprecedented flexibility to collect, display and analyze color data from the HunterLab spectrophotometer. Yet it is easy to use and can be configured to show only the information.

It offers almost limitless possibilities for presenting and comparing color information. Color data and spectral data is displayed numerically in spreadsheet form or graphically as color plots, spectral plots and trend plots. The simplified EZ View screen only shows data for the standard and the last sample measured and if desired Pass/Fail. Color Render visually simulates the color on computer screen.

EasyMatchQC uses job files to easily store and recall data. Jobs can be created for your individual customers or products and each job can include individual or multiple standards. User configured screens can be stored as a template and later recalled for easy creation of new jobs.

EasyMatchQC is available in Chinese, English, French, German, Italian, Japanese, Portuguese, Spanish and Russian languages.

**Involved in the Following modules:**

* Multilingual support.
* Bug fixing in various modules.

**Responsibilities:**

* Maintenance\Development of the application.
* Deployed the Application on Windows OS and actively participated in unit testing of individual modules and Integration and system testing of the total software.

**Project #2: Spectra Trend HT Company : ELICO Ltd, Hyderabad**

**Client** : HunterLab, Reston, Virginia, USA.

**Team Strength** : 1 member.

**Period** : Jan’2018 to Till Date.

**Environment and Technical skills used** : VS2008, MFC, ActiveX, ATL.

**Role** : Involved in implementation, Testing and documentation Phases.

**Description:**

SpectraTrend HT is software used to monitor and control the instrument that is used to measure color changes for such products as chemicals, cookies, crackers, crushed stone, fertilizer, fiberboard, industrial minerals and roofing granules. Positioned anywhere between 5 cm to 15 cm away from the moving product It is a rugged, cost-effective tool for continuously measuring and reporting trends in product color and, if desired, height.

**This On-line Color Measurement Software offers:**

* Client-Server architecture.
* Seven configurable data views.
* User Manager with customized access privileges.
* Job files for easily cataloging.
* Retrieving and e-mailing data.

**Involved in the Following modules:**

* Development of Client and Server side components of the application.
* Code migration from VC6.0 to VS2008.
* Implemented socket and USB communication with the instrument.
* Vista/Win 7 and 64 bit OS compatibility.
* Bug fixing in various modules.

**Responsibilities:**

* Maintenance\Development of the application.
* Deployed the Application on Windows OS and actively participated in unit testing of individual modules and Integration and system testing of the total software.

**Project #3: EasyCert PC Validation Company : ELICO Ltd, Hyderabad**

**Client** : HunterLab, Reston, Virginia, USA.

**Team Strength** : 1 member.

**Period** : Feb’2020 to Till Date.

**Environment and Technical skills used** : VS2010, MFC, VC++ ,.

**Role** : Involved in implementation, Testing and documentation Phases.

**Description:**

EasyCert PC Validation desktop application is developed to perform the Standard/Tile/Liquid measurements on specified sensors and to generate the validation reports.

It is mainly developed to test the instrument performance on different sensors.

**Involved in the Following modules:**

* Bug fixing in various modules.

**Responsibilities:**

* Maintenance\Development of the application.
* Deployed the Application on Windows OS and actively participated in unit testing of individual modules and Integration and system testing of the total software.

***Declaration***

I do here by declare that all particulars mentioned above are true to the best of my knowledge and belief.

Place: Hyderabad

Date:

**(Mukkapalli Anvesh Yadav.)**