Shilpi kumari

Problem solver,Innovator,Quick learner

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WORK EXPERIENCE

Virtusa   january 2022 – Present

Associate Consultant – Technology

- ➔ Working in MS Visual Studio IDE.
- ➔ Working in Qt–creator with Qt version 5.15.9
- ➔ Working in Linux Embedded Application(UI Based).
- ➔ Working on Automation Testing(Windows and Linux).
- ➔ Working in c++ with windows programming and Linux.
- ➔ Working on Runtime HMI–software development, running on an operating station that provides a platform to run automation projects in industries. · Developing different controls in the HMI Runtime for Premium panels which runs on Linux.
- ➔ Extensively worked on complex issues like memory leak, application crash on the customer project.
- ➔ Handling the bugs raised on various controls available in the HMI Runtime for unified panels.
- ➔ Working in an agile environment.
- ➔ Worked on Communication protocols such as Profinet, Ethernet , Profibus protocol for data communication.
- ➔ Worked on NFR Project.

- ● **Hardware Platforms and Tools:**
    1. **PLC(Programmable Logic control)**
    2. **HMI Panel**
    3. **VMware**
    4. **TIA**

Skill obtained:

1. C++
2. Qt/QML
3. TIA Portal
4. Tags Configuration
5. Panel configuration(Prosave)
6. Firmware update
7. PLC Programming (Studio5000)
8. Unit test
9. Windows and Linux
10. TFS
11. Agile

SKILLS

- ➔ C++
- ➔ C
- ➔ VC++
- ➔ Qt/QML
- ➔ Qt–creator
- ➔ Visual studio
- ➔ GIT
- ➔ TFS
- ➔ Remote Debugging
- ➔ PLC Programming
- ➔ AWS(Basic knowledge)
- ➔ Unit test
- ➔ NFR
- ➔ Deb 11
- ➔ Agile
- ➔ Putty
- ➔ Batch script
- ➔ sql(database)

AWARDS

- ➔ Got "**Chief Minister's Merit Scholarship**" for good performance

Anakage Technology Pvt Ltd, Bangalore Sep 2019 – Dec 2021

C++ Developer

- → Working in MS Visual Studio IDE 10.
- → Working in WIN32 and MFC based Application..
- → Working on Automation using c++ and batch script,vbscript.
- → Developed 5 medium scale desktop applications.
- → Working in c++ with windows programming.
- → Working knowledge of 32bit/64bit windows os fundamentals, windows Registry.

Skill obtained:
1. C
2. VC++
3. MFC
4. Windows
5. Registry

in   xth   Board Examinations.
- → Got **merit cum scholarship** from 8th to 12th class.
- → Got **MERIT AWARD BY PRABHAT KHABHAR.**
- → secure 1st position in RANGOLI in hostel annual fest.
- → Secure 1st position in MEHANDI AND NAIL ART in college annual fest.

EDUCATION

J.K Institute of Applied Physics & Technology,University of Allahabad, Allahabad — *Btech*

July 2014 - july 2018

- → Branch- Electronics and communication Engineering
- → Percentage- 70%

LANGUAGES

Hindi ,English

D.S Women's Evening college, Bihar — *12th*

July 2012 - july 2014

percentage-74%

PROJECTS

Project Name — *Details*

Virtusa:

->Communication Project which uses Communication protocol such as Profinet, Ethernet , Profibus protocol for data communication And Using TPD (Allen Bradley, OMRON, MITSUBISHI , MODBUS driver) and native drivers such as S71200 etc.

Project is based on Industrial Automation:
- ❖ PLC(Programmable logic control)
- ❖ HMI Panel

- ❖ Protocol
- ❖ Mainly work is dependent on How Is data communicated between panel and PLC.
- ❖ Creating project by using TIA Portal
    - ❖ Establishing connection to PLC by using Protocol like ethernet, Profibus and Profinet (Serial or IP Communication).
    - ❖ Configure tags and assign addresses into PLC so that we establish a connection to PLC.
    - ❖ Load to Panel and start RT.
    - ❖ Need to update firmware (UCP and UPC Image).
- ❖
- ❖ Alarm gives Warning symbol
- ❖ NFR Project
    - ❖ Added 1000 counters to PLC using skill PLC Programming and ROCkWELL SOFTWARE downloaded it to PLC and started RUN MODE.
    - ❖ And watch how much data is lost while requesting and getting responses.
- ❖ Code coverage using gcov
- ❖ Working on Runtime HMI-software development, running on an operating station that provides a platform to run automation projects in industries. · Developing different controls in the HMI Runtime for Premium panels which runs on Linux.
- ❖ Extensively worked on complex issues like memory leak, application crash on the customer project.
- ❖ Handling the bugs raised on various controls available in the HMI Runtime for unified panels.

Anakage Technology Pvt Ltd.

- ❖ System slow issue
- ❖ Printer details like default printer, all printer list in machine to show in combobox
- ❖ Explorer cleanup,Chrome cleanup,Microsoft edge cleanup,firefox clean up like cookies, prefetch,history,cookies etc
- ❖ Assign IP in machine and show IP
- ❖ Automation through c++ and batch script
- ❖ Setting proxy in machine
- ❖ RDP(Remote Desktop Application)
- ❖ Move data like download folder,D drive to another location