Hi I'm Akash

I have graduate in 2010 in Electronics and Communcation , then PG Diploma from CDAC-Bangalore in Embedded System

I'm have total work experience 9.5 year

I'm working in Toshiba from last 6 year in MFP Domain , i.e Multifunction Printer , Currently I'm working as System Analyst

Before I have worked in IngersollRand for 3.5 Year

**Currentl Role in the team**

Going through Customer Specification , Then creating or Studying System Requiremnt specification , ,Responsibility Map , Component Design Document then come Coding and Unit Testing , Performance activity

I have been included in schedulding of Task for time sheet , Menotoring Junior members , In review and Approval process for any requirement.

What we work on

Toshiba has Legacy MFP System which has Display and button to execute Printer functionality

Now MFP system is upgraded Hardware as well as software, Now it have touch display , we are working on software side , Our responsibilty is expose the interface related to MFP

As current desing supprot new interface because of that we can create customize application which we will called Embedded Application , In which customer can have customize UI according their needs

**Technical**

we are doing our coding in C++ using Legacy C++ , Interface is exposed to UI Layer through python using boostpython library and as well as C++ for internal component ,

In C++

we are using oops concept like inheritance , polymorphism , abstraction , encapsulation

we use template , Vector

we will use STL in that we use Vetor maps concepts

As we are working in multithreading enviroment and for thread synchronization we use mutex and semaphore

Major Development I have expertise in AppManagement system for Embedded Application

which will have functionality of installation , unintallation , Starting , Stop the App , How multiple app will behave

as i have mention MFP major functionally is Copy m Scan , Network Print , For system alert which tell about Printer Status , Scanner status ,Related any other event like paper feeding or paper jam

For our interface we will some of the design pattern Abstract Factoy Patter , Prototype Pattern and Signleton , for event mehanism we have observer pattern

we are doing our unit testing using python

That pretty much it