

**What do you know about Pharmacy2U Ltd?**

The app allows people to order their NHS prescriptions online and have it delivered, the dispensing facility in Leeds sends over 500,000 prescription items each month across the UK and 3 million medicines have been delivered to homes since the start of lockdown

**What do you know about the role you are applying for?**

Most of your work is in .NET with C#, and Xamarin Forms/JavaScript/jQuery/Knockout for your front-end interfaces. It is based in Leeds. Alongside helping to maintain your applications I would also be helping to migrate your applications to the cloud using Azure.

**What is your technical background and can you give some recent examples of projects/products you have developed?**

My technical background is mostly C# with a little bit of php and java. At current jobs some of my recent roadmapped work has been:

**Improving ChipDNA handling of Ingenico RAM firmware updates**

With RAM firmwares we have to get update packages from Ingenico when trying to update via TMS however with RAM firmwares you can't go from any to any sometimes you have to go b firmware to be able to change to c firmware. For example you can't go from 972 to 973 you have to go from 972 to 960 to 973. Prior to me doing this piece of work if ChipDNA encountered a problem which meant the firmware update process had to be restarted whilst it was on the middle firmware the update would fail as the firmware would no longer match the needed start firmware. I changed it so that as long as the current firmware match a firmware in any of the steps then we would start from that step instead of the first step. The second part of this work was that we were waiting one minute regardless of firmware or RAM device. This wasn't great as sometimes the firmware would take ten second, 30 second or two minutes depending on the device and firmware. So I changed it so that we would instead wait an estimated firmware update time which was specified in our update files.

**Refresh PHP client**

Change the way our php direct client parsed xml response from the platform so that it lined up with the other clients. Before I could do that however I fixed all the failing unit tests which were most of them so that when I made my changes I could be sure that the parsing was fully implemented and working properly. Whilst doing this work I documented any missing features in the PHP client as it was a client that had not been updated so was quite far behind the other clients.

**Improving prompts on Lane RAM devices**

Ingenico released new prompt commands for their Lane RAM devices. I was told to add support for these new commands so that we could use those instead of the older prompt commands which were from their non Lane devices. This meant reading over the documentation and then implementing what was stated in the documentation

**Have you experience working in Azure DevOps and CI/CD pipelines**

I don't have experience working in Azure DevOps but am eager to learn some. We have CI at my current work but i have not touched it much other than triggering some builds on TeamCity.

**A lot of our source code is legacy and we want graduate level candidates that are talented and motivated to work/learn the legacy code and business processes, developing on some legacy code whilst also working on migrating our platform to Azure, creating microservices over time, Are you happy to work on the P2U legacy code with knowledge we will be working on new technology in 12-18 months?**

Yes in my current role there is quite a lot of legacy code as it has been around for quite a while now. I have never used Azure so I am thinking this could be a good opportunity to get some exposure to it, same with microservices.