**In university or through your career, describe your achievements that you are particularly proud of.**

I used to implement a Django app myself which converts from existing project. It’s an eKYC platform built from NodeJS, Angular and GraphQL which limits to AWS products and data duplication with other systems. With new Django app, we could deploy on-prem or self-host platform without worry about database compatibility since we applied APIs, multi-tennant database design and adapter design pattern. I also created new Jenkins process for new version deployment on AWS with aws-cdk.

**How would you describe your level of experience as a professional software engineer?**

To be honest, I think that I’m at mid level for both Front-end and Back-end.

**Describe your Linux administration experience skill and how you have acquired that**

I used Ubuntu all the time at university for assignments, studying but I do professional work on Mac OS. For now, I just use Fedora OS or Debian to play testing on Linux environment.

**Describe your Python software development skill and how you have acquired that**

I have over 2 years experience with Python including pure and in framework like Django. I self-studied the language in late 2019 via realpython.com articles and did some classic link list, BST… exercises. In early 2020, I had an opportunity to hon my skills with real project (Django, Wagtail, Next.JS and K8s) and get involved more into Python language.

**Describe your experience with SQL and relational data modeling, and summarize your learning with large-scale database backed applications**

I’m at kind of mid level with MySQL and database design. Most of the time, I write query to retrieve records on multiple tables and optimize query to make it more efficient and faster.

**Describe your experience of web front-end and back-end development**

I’m supposed to be a Front-end developer at the beginning with pure HTML/CSS/Javascript. After that, I applied Vue to my work to reduce implementing time for repeated components and have 3 years with it. Then I decided to become a Full-stack guy and have worked with PHP for over 4 years. In the early 2020, I decided to move on to Python and experience with it over 2 years. Also, I have around 1.5 year experience with Angular and NodeJS; and have done several tasks relating to React, K8s, Jenkins, AWS Services.

**What would you like to achieve in career development and skills development?**

I’m curious how different systems communicate with each other. In fact, an application lives for its specific purpose and run standalone. In the event system needs to combine with another one, I’m sure the first question always is how they interact with each other and if one is upgraded, what will happen? That’s why I spend my time on learning system design and reading one’s code. So that, I can quickly catch up when jumping into a project.

**How are you involved in open source software?**

There is at least an obstacle that prevent new developer to explore new project (database permissions, manual configs, etc.). It’s annoying to wait for someone helps newcomer get it resolved for weeks. Therefore, when meeting a problem, I try to create a generic solution which takes parameters and solve issues.

**What interests you about working for Canonical?**

It’s interesting that Canonical is building a System Management tool for Ubuntu. I never see a similar tool on any Linux-like OS. I wonder how the team structure source code and make it compatible to multiple Ubuntu versions. I’m happy to be there, collaborate with awesome developers and make a great tool.

This is a project that I am currently working on. It is a revenue/alert system which allows merchants to monitor their business on multiple aspects. I am working on onboarding process, alerts systems, and reputation defender components on both Frontend and Backend, which have many challenges like centralizing database, analyzing complaints from sources, and delegating jobs to other systems in microservices architecture. I feel proud while working on this project because I can have an opportunity to learn more about the domain knowledge in banking, plus improve UI/UX skills and understand more how to handle large-scaled database properly. Hence, this project is evaluated that it can bring high revenue to the company.

I am a growing Software Engineer who enthuses in finding simple solutions for complex problems. I have been wearing many hats with over 6 years of experience in software development with multiple languages like Python, PHP, Javascript, etc. Working with multiple teams has given me an in-depth understanding of sofware development life cycle and ability of how to balance between priorities and deadlines.

My recent role as Software Engineer at Chargebacks911 and Full-stack Developer at Cynopsis Solutions have given me the ability of designing, implementing, and testing UI/UX with RESTful APIs functionality in high traffic web applications as well as a deep knowledge in microservices architecture. Besides, supporting Sales team during the onboarding process to new customers has also helped me understand more and ensure customer's needs; plus managing deployment process to AWS cloud infrastructure has sharpened my estimating and planning project's timeline skills.

On the other hand, participating in teammate's code reviews and technical meeting has helped me the capacity of troubleshooting and documenting on new projects. Working with AWS services has been offering an in-depth understanding of continuous deployment process, scalability and maintenance system performance.