

Mya Myintzu Thant's Profile

Personal Information

Name: Mya Myintzu Thant

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Email Address: s3819438@student.rmit.edu.au

Nationality: Myanmar

Culture: Burmese



Education: Completion of Taylors College University Of Sydney Foundation Program, IGCSE O levels (4 A* and 2 A), Grade 10 ILBC

Language(s): Burmese, English

Hobbies: I often read educational and fictional works of all kinds. I am particularly interested in Psychology related books and Korean webtoons. I'm currently studying conversational Mandarin and hoping to find use for it someday.

Interest in Information Technology

My interest in IT lies in it being able to be applied in all working industries, whether it be agriculture, health or security. Therefore, I can job hop depending on what interests me. I will not have to regret for the rest of my life or study again in a different field for choosing the wrong industry. Moreover, the job market for IT professionals will only keep growing.

My interest in IT began about a decade ago because of the emergence of social media. I was not sure if Facebook was a safe place for children to be, especially when my underaged

friends told me of how they were approached by much older men on it. Facebook is a great place for social interactions with normal people that you genuinely know, but the dangerous side of it that needs better regulation is what sparked my interest.

I do not have much relevant experience with IT. Using social media, Netflix, canvas, google, a smartphone, outlook and gmail and avoiding viruses on pirating sites are my regular IT experiences.

I chose RMIT because I wanted to learn IT online in an internationally recognized university.

I expect to proficiently learn a few programming languages, how to create apps and any other uses for IT I am not aware of. I only have a surface level understanding of IT so I am hoping I can learn more about IT in general.

Ideal Job

My ideal job would be a software developer that can mostly work at home.

Link to an example:

<https://www.seek.com.au/job/50608671?type=standout#searchRequestToken=471663c8-86f2-4816-b7c6-5f9eaddea448>

Snapshots:



Software Developer

Digital Reign Pty Ltd

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About us

Digital Reign is a digital transformation company delivering software and expert advice to help our clients get more done in less time. Some of Australia's largest companies in the banking, property and professional services industries trust Digital Reign for direction and support with their digital journey.

About the role

We have a position vacant for the right software developer. Working as part of our technology team, you will bring your development experience to help build and support Digital Reign's invoice capture and automation products.

We are looking for someone who thrives under pressure, is passionate about working with the latest platforms and technologies and who takes pride in their work.

Activities and responsibilities include:

- Writing and implementing clean and scalable code, including unit testing.
- Implementing quality assurance procedures using tools/resources provided

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- Writing and implementing clean and scalable code, including unit testing.
- Implementing quality assurance procedures using tools/resources provided
- Supporting the maintenance and upgrade of business applications
- Maintaining existing software platform components and creating new features.
- Working closely with the Product Owner to continuously improve Digital Reign's products and assist with converting business requirements to technical requirements.
- Assisting the support team with investigating reported issues/bugs that require an understanding of the code.
- Active participation in all meetings and ceremonies associated with agile development.

About you

- Minimum 5 years software development/engineering experience
- Knowledge and Experience with
- c# (5.x +), MVC5, HTML, JavaScript, CSS3, Bootstrap, jQuery
- SQL
- HTTP/HTTPS, Rest, WCF
- Azure PaaS & IaaS
- Jira, BitBucket, Git
- OWASP rules
- OAuth/OpenIdConnect, SAML, Azure B2C
- NodeJS/Vue, Java (nice to have)
- Strong understanding of SQL server

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- NodeJS/Vue, Java (nice to have)
 - Strong understanding of SQL server
 - Strong understanding of .Net Framework 4.x/.net Core
 - Strong understanding of Entity Framework/ Entity Framework Core
 - Experience with serverless Azure Compute Services such as Azure Functions, Logic Apps, App service, Service Bus & Azure storage.
 - Experience applying enterprise integration patterns using SOA, API's, Microservices, message-based, and file-based approaches
 - Ability to effectively communicate with tech and non-tech stakeholders.
 - Familiarity with Agile development methodologies

Not essential but highly desirable:

- Experience with document management, especially invoice capture and invoice processing.
- Some exposure to end to end CI & CD, Branching and merging (MSBuild and Azure DevOps)

Why Digital Reign?

Digital Reign offers flexible work arrangements and was leading the way with virtual work well before the COVID-19 pandemic! A competitive salary is on offer along with the promise that you will be trusted to get your job done working virtually with minimal time in the office.

Digital Reign offers flexible work arrangements and was leading the way with virtual work well before the COVID-19 pandemic! A competitive salary is on offer along with the promise that you will be trusted to get your job done working virtually with minimal time in the office.

Does this sound like the right opportunity? Apply now!

The application form will include these questions:

- Which of the following statements best describes your right to work in Australia?
- How many years' experience do you have as a software developer?
- What's your expected annual base salary?
- How much notice are you required to give your current employer?

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The position includes being part of a technology team to create and support invoice capture and automation commodities. It also requires using the latest platforms and technologies to carry out tasks. There are seven main responsibilities and activities for this job. Firstly, writing and implementing codes. Secondly, using quality procedures by implementing provided tools and resources. Thirdly, maintaining and upgrading business applications. Fourthly, supporting existing software platform features and developing new ones. Fifthly, learning from customer/client feedback about products and assisting with adapting technology for business requirements. Sixthly, aiding the support team with solving reported issues/bugs that require code expertise. Seventhly, participation in meetings and ceremonies involving agile development.

I find a job that focuses on creating something useful interesting. As aforementioned, I would also prefer to mostly work at home and this job allows that.

The skills, experience and qualifications of the position is as follows. The position requires a minimum 5 years in software development/engineering experience. Specifically, it requires strong knowledge and experience with SQL, WCF, Rest, HTTP/HTTPS, jQuery, CSS3, Bootstrap, HTML, JavaScript, c#, MVC5, OWASP rules, NodeJS/Vue, Java, Azure PaaS & IaaS, SAML, OAuth/OpenIdConnect, Azure B2C, Git, Jira, BitBucket, .Net Framework 4.x/.net Core, Entity Framework Core/Entity Framework and applying enterprise integration patterns with Microservices, file-based and message-based approaches and SOA. Furthermore, effective communication with non-tech and tech stakeholders is required. Lastly, experience with Agile development.

Currently, I do not have the software development experience required or most of the knowledge and experience described. I have a superficial understanding and experience with Java, Github, HTML, CSS3 and JavaScript. Through finishing the Bachelor of IT at RMIT and some individual learning I will become knowledgeable about the other technical requirements. I will try to gain software development experience and communication with tech and non-tech stakeholders through work experience after graduating. I do have experience with the Agile development methodologies, I completed the Agile Ways of Working credential from RMIT.

Personal Profile

Myers-Briggs Test Results: Advocate (INFJ-T, Introverted Intuitive Feeling Judging Turbulent)

Learning Style Test Results: Visual

Creativity Test Results: 56.13 (Average is 63.09)

The advocate personality result reminded me again that my weak point is being a perfectionist yet finding routine tasks uninteresting. I need to work hard to finish my daily

tasks or lower my expectations depending on how achievable my tasks are. I will use my visual learning style result as a guide to how I should learn things I find confusing so knowing my result has been useful for my learning experience. I have learned through my creativity test that I lack boldness in particular so I will take care to push my boundaries more in the future.

I am more on the judging side so I will prefer to have structure for the project. As I am a visual learner, I will ask my team members if they could explain things to me with a visual guide. I am more likely to rely on my team mates for the creativity aspect of the project.

As I like being highly organized, I would prefer to be with a team that plans well. I am highly turbulent, sensitive to stressors, so I would prefer members that do not speak harshly or make personal criticisms. It would advantageous to have team members that have different learning styles so that even if I struggle with learning something, they might not. As I lack creativity more than average, I would prefer members that are highly creative.

Project Idea

Overview

The project consists of building a smartphone app for patients that will support effective communication with a health professional. The app will include a question prompt list (QPL) and can record consultations with health professionals. Both voice and video recordings are available. A QPL is a checklist of common questions related to the psychosocial and physical aspects of illnesses and treatments that patients may want to ask health professionals (Eggly, et al., 2014). Patients will also be able to add to the QPL other questions they would like to ask. It will also include a feature that would allow the recording of the answer of each question in the QPL and a separate recording feature that records the entire consultation.

Motivation

Good communication helps patients make more informed decisions, remember more, cope better, adhere to medication better and recover quicker (Rodin, et al., 2009). Effective communication skills can be learned, improved and maintained, but few health professionals receive formal training for this and patients can become discouraged by the poor

communication and attitude of health professionals from asking important questions (Rodin, et al., 2009). Research has shown that QPLs have increased the likelihood of patients asking difficult and/or important questions (Eggly, et al., 2014). Furthermore, recording consultations will help patients revise what happened during consultations and keep health professionals accountable for their behaviour or advice.

Currently, there are free QPLs available on the internet, but no app appears to have been developed specifically for this purpose yet. Being the first app of this kind on the market, presents great potential for it.

Description

An account can be created on the app and can be accessed on Apple mobile products. As long as the log-in details are correct, the patients can open their accounts. The app can be used without an internet connection. Data will also be backed up when internet connection is available. The data can also be downloaded on the phone. There will be a tutorial walkthrough that explains the functions and purposes of all features the first time patients log-in. This can be skipped if the patient wants to. It will also be available for revision.

The first feature is the QPL which will be a checklist of questions to ask in a health consultation. There will be a default checklist of commonly asked questions during consultations. Questions can be edited or added by patients. In the future, recommended QPLs for specific diagnoses, treatments or consultation type may be available. Multiple QPLs can be stored or saved in the application. Folders can be made to store the QPLs and help categorize it according to what the patient desires. Both the names of the folders and the QPL can be edited by the patient.

Additionally, there will be two types of recording features, voice and video recordings. Both recording features will be available underneath each question in the QPL. Patients can choose the type of recording they want. The playback feature will be basic, with play/pause, rewind, forward features. This will allow the patient to record the specific answer to the specific question during the consultation. This will help the patients organize the content of their recordings and allow a more efficient way to find recorded information without having to go through the whole consultation recording. The date and time of each recording will also be recorded so that it can be used as evidence if the patient requires it for lawsuits or other purposes.

Moreover, there will be a video and voice recording feature placed above each QPL that patients can use for recording the whole consultation. Some patients might prefer this option to the question specific one.

Tools and Technologies

As it is a mobile app, an app store platform is needed so the Apple app store was chosen. A computer or access to a computer for creating an app prototype. TextEdit, a text editor and open-source word processor for macOS to write and edit codes. Github, a code hosting platform for collaboration, team task management and version control. Microsoft teams, a communication platform for the team to plan, work and communicate effectively online. A memory stick as a backup hard drive storage for the app's codes.

Skills Required

Proficient knowledge and experience with some programming languages like HTML or Java for writing the codes required. UX/UI development skills to create an app that looks appealing to customers and can be easily navigated. Knowledge and experience with the aforementioned tools and technologies is required. Efficient communication, time management and conflict management skills for effective teamwork. Experience working in both teams and independently will help the team function well.

Outcome

The desired outcome is a pleasant and informative health consultation experience for patients. The QPL will remind patients about the questions that should be answered in consultations. It will also help patients plan ahead about what they want to ask in a consultation. Recordings of the consultations will help patients refresh their memory and also keep health professionals accountable for their conduct and advice. By providing a recording feature for each question in the QPL, it is expected for patients to have an easier time finding the information the patient requires from the recordings. It is hoped that patients feel more empowered through using the app to ask necessary questions to health professionals and can also feel more assured knowing the consultations are recorded when health professionals are behaving poorly or giving irresponsible advice.

References

Eggly, S. et al., 2014. Development of a Question Prompt List as a Communication Intervention to Reduce Racial Disparities in Cancer Treatment. *J Cancer Educ.*, 28(2), pp. 282-289.

Rodin, G. et al., 2009. Clinician-patient communication: evidence-based recommendations to guide practice in cancer. *Curr Oncol.*, 16(6), pp. 42-49.