

Gabriel Alvin Aquino

Contact information



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Education

University of Cordilleras (Senior High School)

Attended from August 2016 to October 2018
University of Cordilleras

Graduate of Bachelor of Science in information
Technology (Major in Network And Security)

Attended from September 2018 to September 2022
University of Cordilleras

Skills Summary

| Category | Machine Learning | Mobile App Development | Game Development | Web Development |
|-------------------------------|---|--|---|---|
| Languages | <ul style="list-style-type: none">Python-R | <ul style="list-style-type: none">JavaKotlinPHP or Basic Web Tech | <ul style="list-style-type: none">C#C++Javascript | <ul style="list-style-type: none">JavaScriptPythonPHPWordpress |
| Database/ Operating System | MySQL, PostgreSQL, MongoDB, SQLite, Room, Firebase, Supabase Linux, Windows, Android | | | |
| Libraries | NumPy, Pandas, Matplotlib, TensorFlow, Keras, Pytorch, Scikit-learn | React Native, Cordovova, Retrofit, RxJava, Jetpack, Retrofit, Kotlin Coroutines,Glide, Dagger Hilt | <ul style="list-style-type: none">OpenGLDirectX | <ul style="list-style-type: none">ReactVue.jsJQuery |
| Frameworks/Tools | Jupyter Notebook, Anaconda, Docker, AWS, Google Cloud, Digital Ocean, Git | Multi-OS Engine, Codename One, Appcelerator Titanium, Ionic, Cordova, Capacitor, PWA Builder, Git | <ul style="list-style-type: none">UnityBlenderGit | Bootstrap, Tailwind, Django, Flask, Laravel, Codelgniter, Cpanel, Git |
| Soft Skils | Analytical Thinking, Continuous Learning, Problem-Solving, Time Management, Communciation Skills, Teamwork, Leadership, Critical Thinking | | | |

Work Experience

Full Stack Developer at Speech Improvement Center
(April 2024 – February 2025)[LINK](#)

- Spearheaded the development of a HR, Employee Dashboard, AnalyticsDatabase using PHP, improving patient record handling, appointment scheduling, and inventory management, resulting in a improvement in clinic operational efficiency.
- Engineered a secure, scalable web application with SQL for efficient data storage and retrieval, reducing data access time by 40% and increasing database performance by 25%.
- Designed intuitive, user-friendly interfaces with HTML, CSS, and JavaScript, enhancing patient and staff experience and increasing system adoption by 20%.
- Optimized clinic processes and workflows by identifying bottlenecks and applying automation, leading to a 15% reduction in patient wait times and improving overall clinic productivity by 20%.
- Tested and debugged the system using unit and integration testing, ensuring a 99% system uptime and minimizing error rates by 40%.

Projects

Mobile Developer for Mindwell Application
(October 2023 – August 2024)[LINK](#)

- Developed 'Mindwell' app using Android Studio and Java, incorporating features like user management, profile updates, and personalized mental health support, leading to a 40% increase in user retention within the first 3 months.
- Integrated Firebase for real-time data synchronization and user authentication, enabling seamless login, registration, and user management, reducing onboarding time by 30%.
- Engineered a video call system and chat integration with API, improving therapist-patient communication, resulting in a 50% increase in active therapy sessions and user satisfaction.
- Implemented AI-powered GPT-3 model for the "Jar Feature," providing users with uplifting and conversational support, improving user engagement by 25% and fostering emotional resilience through friendly inquiry interactions.

[View All Project Work Experience : Click Here](#)

Certificates

- Data Science, Machine Learning, Dayan Analysis
- Comprehensive course on Langflow and Langchain
- Business Intelligence by Google career
- Machine Learning using python

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