

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">• Java• Kotlin• PHP or Basic Web Tech	<ul style="list-style-type: none">• C#• C++• Javascript	<ul style="list-style-type: none">• JavaScript• Python• PHP• Wordpress
Database/ Operating System	MySQL, PostgreSQL, MongoDB, SQLite, Room, Firebase, Supabase, (Vector DB: Pinecone, Weaviate, Faiss) Linux, Windows, Android			
Libraries	NumPy, Pandas, Matplotlib, TorchVision, Keras, Pytorch, Scikit-learn, OpenCV, YOLOv11, OpenVINO Platform: Roboflow, HuggingFace	React Native, Cordovova, Retrofit, RxJava, Jetpack, Retrofit, Kotlin Coroutines,Glide, Dagger Hilt	<ul style="list-style-type: none">• OpenGL• DirectX	<ul style="list-style-type: none">• React• Vue.js• JQuery
Frameworks/Tools	Jupyter Notebook, Anaconda, Docker, langchain, langflow, LlamaIndex ,TensorFlow, 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">• Unity• Blender• Git	Bootstrap, Tailwind, Django, Flask, Laravel, CodeIgniter, Cpanel, Git
Automation Workflow	Low Code Automation Platforms : n8n, Zapier, Make, Smythos, Abacus.Ai		Platforms : Ringcentral, Synthesia, GHL, Slack, Delphi.Ai, HuggingFace, Airtable, Lovable, 11labs	
Soft Skills	Analytical Thinking, Continuous Learning, Problem-Solving, Time Management, Communciation Skills, Teamwork, Leadership, Critical Thinking			

Work Experience

AI Automation Engineer at Access Insurance

(February 2025 –August 2025)[LINK](#)

- Developed an AI Employee Management Web App using Python (Django) and React.js for scalable task automation.
 - Built a chatbot interface in PHP Laravel to handle customer inquiries, especially for insurance-related questions.
 - Created an AI-powered avatar auto-generation web platform under the Marketing team to boost lead generation, generating unique avatars for users based on chat input—fully custom-coded without low-code tools.
 - Integrated AI tools like HeyGen, Synthesia, OpenAI, and Delphi.AI to automate customer service and reduce manual workload.
 - Engineered backend with Django REST and cPanel, reducing API latency by 35%.
 - Manually coded all automation workflows and used Abacus AI to create AI agents, with N8n as an alternative workflow engine.
- Achieved 98% uptime through rigorous testing, debugging, and secure deployment practices.

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%.

Ai Programmer for Abacus.AI Platform
(January 2023 – January 2024) [LINK](#)

- Developed the Abacus.AI platform using Python and Flask, implementing automated machine learning workflows, model deployment, and process workflows for AI agent customization, enabling users to tailor AI agents for specific business needs.
- Integrated cloud-based services (AWS) for scalable data processing and real-time model training, reducing setup time by 25% and simplifying onboarding for new users.
- Engineered a robust API system for seamless integration with external tools and databases, enhancing data pipeline efficiency and supporting customized AI agent workflows.
- Implemented an AI-driven recommendation engine powered by Abacus.AI’s proprietary models, providing personalized insights and improving user engagement through tailored predictive analytics.

Projects

Mobile Developer for BillSense Application
(January 2025 – Current)

App using Android Studio and Java, leveraging Convolutional Neural Networks (CNN) to accurately distinguish between genuine and counterfeit bills, ensuring enhanced security and fraud prevention.

- Trained a CNN model for image-based currency authentication, improving detection accuracy. Implemented
- real-time verification with native Java, optimizing fraud detection speed and user experience. Designed an
- intuitive UI/UX for seamless navigation, enhancing accessibility and usability. Developed automated data
- processing pipelines for efficient counterfeit analysis. Integrated AI-powered workflow enhancements,
- improving detection reliability. Ongoing development with continued model refinement and feature
- expansion.

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.

[ViewAllProjectWorkExperience : Click Here](#)

Certificates

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

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