Gabriel Alvin Aquino

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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	• Python • -R	• Java • Kotlin • PHP or Basic Web Tech	• C# • C++ • Javascript	• 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	• OpenGL • DirectX	• 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	• 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 | Full-Stack Developer | AIMarketingSpecialistatAccess Insurance Underwrite LLC
(February 2025 –August 2025)**LINK**

Key Contributions & Achievements:
1. Product Ownership & Leadership
   - Took full initiative to conceptualize, design, and implement the entire AI chatbot, automation, and integration ecosystem from the ground up.
   - Acted as Product Manager and Lead Automation Engineer, overseeing end-to-end development while aligning technical delivery with marketing objectives.
   - Directed cross-functional integration of AI technologies, ensuring scalability, usability, and measurable business impact.
2. Chatbot & AI Integration
   - Built a custom chatbot interface using Python & Django, integrating advanced AI platforms including Heygen, Synthesia, OpenAI, Abacus AI, and Delphi AI.
   - Created AI agents with Abacus AI for dynamic customer engagement.
   - Deployed the system via Heroku, managing the full development-to-production pipeline.
3. Workflow Automation & Avatar Systems
   - Designed n8n workflows to optimize avatar generation, reducing execution time and improving scalability.
   - Developed a centralized dashboard for analytics and avatar management, connecting with Slack, Google Analytics, and marketing tools.
   - Automated internal reporting pipelines, enabling real-time monitoring of avatar campaigns.
4. AI-Powered Marketing & Lead Generation
   - Built an automated avatar-based email marketing system that embedded avatars in customer responses, driving engagement and boosting lead generation efficiency by
   - Created automated email campaign manager integrated with the avatar engine, ensuring personalized and scalable outreach.
   - Streamlined lead capture and funnel conversion through AI-driven workflows.
5. Marketing Operations & SEO
   - Supported marketing operations by managing RingCentral inbound calls, capturing and addressing customer needs.
   - Enhanced SEO performance for the company's legacy website, improving search visibility and organic reach.
   - Produced AI-enhanced content for chatbots, marketing campaigns, and website optimization.

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

Automation Engineer for Revaya Company
(August 2025 - December 2025) **LINK**

- 🛠️ Designed and deployed lead follow-up and appointment booking workflows using n8n and GoHighLevel (GHL), automating client engagement across Revaya's funnel.
- 🔄 Implemented real-time lead capture, CRM updates, and booking triggers, reducing manual scheduling by 60% and boosting conversion rates by 45%.
- 📅 Integrated GHL calendar and pipeline logic with n8n nodes to automate reminders, reschedules, and post-booking follow-ups, cutting response delays by 70%.
- 📈 Created modular automation templates for scalable reuse across campaigns, reducing setup time by 50% and improving operational consistency.
- 📊 Monitored workflow performance with custom logging and error handling, ensuring high reliability and measurable ROI.
- 🤖 Engineered logic-based branching and conditional triggers to personalize user journeys and maximize booking success.

Mobile Developer for BillSense Application
(January 2025 – December 2025)

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.

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Certificates

Data Science, Machine Learning, Data Analysis	DATAhill Solutions Scrinivas Reddy	**LINK**
Comprehensive course on Langflow and Langchain	Techlatest.net	**LINK**
Business Intelligence by Google career Machine	Cursa	**LINK**
Learning using python	simplilearn	**LINK**