GABRIEL ALVIN O. AQUINO

MOBILE & WEB DEVELOPER/ SOFTWARE ENGINEER

Dynamic software developer with 6 years of experience spanning mobile app, web, and game development, as well as machine learning and AI engineering. Skilled in UI/UX design, database management, and building high-level admin panel dashboards, I deliver seamless user experiences across platforms. Proficient in native, PWA, and game engine development, I excel at creating interactive controls, integrating advanced algorithms, and leveraging both no-code and code-based tools. With a passion for innovation, I stay at the forefront of emerging technologies, continuously refining applications and systems to enhance user engagement and drive performance.

CONTACT ME AT

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Gabby Alvin | Facebook

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EDUCATION

Saint Louis School of Pacdal Inc (Junior High School)
Attended from August 2012 to May 2016

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 2023

WORK EXPERIENCE

Enrollment Assistant & IT specialist Intern
University of Cordillera,
Location: Gov. Pack Rd, Baguio, Benguet, Philippines
October 2022 - December 2022

- Assisted in processing enrollment documents, ensuring accuracy and completeness. Responded to inquiries from prospective students and parents regarding the enrollment process.
- Collaborated with the enrollment team to streamline procedures, resulting in a 15% reduction in processing time.
- Responded promptly and professionally to inquiries from prospective students and parents, providing detailed information about the enrollment process, requirements, and deadlines.
- Collaborated with the enrollment team to identify inefficiencies and implement streamlined procedures, leading to a 15% reduction in processing time.
- Provided IT support to maintain and troubleshoot enrollment systems, ensuring smooth and uninterrupted operations during peak enrollment periods.
- Conducted data entry and updates in the enrollment database, improving the reliability of student records.
- Supported cross-departmental communication by creating reports and organizing schedules for team meetings and training sessions.

Freelance Mobile Application Developer with 6 years Experience
(july 2019- Current)

 I'm a Mobile App Developer, and I can be your developer for android Application. I'm an experienced Programmer who is best in creating mobile app in android studio. I also have experience creating hybrid app for both iOS and android mobile app. Creative and talented at integrating novel design elements and interaction points to build new and exciting user experiences.

 I excel in developing native mobile applications and transforming web applications into Progressive Web Apps (PWAs) for seamless mobile experiences. Additionally, I specialize in creating no-code apps with integrated web admin functionalities.

APP DEVELOPMENT EXPERTISE

- Native, Hybrid and PWA apps Development
- Custom Mobile App development
- Wordpress mobile apps
- No code app
- Any Cross-Platform Mobile App development
- Android development
- Building a mobile app
- Mobile app UI/UX design

TOOLS AND FRAMEWORK USED

- Android Studio
- Xcode
- GitHub
- Figma
- Unity
- CPanel
- Canva
- react native
- PWA Builder
- Ionic

APP DEVELOPMENT SKILLS

- ✓ C#
- ✓ C#.net
- ✓ Java
- ✓ Kotlin
- ✓ UI Design
- ✓ XML/HTML
- ✓ RESTful APIs
- ✓ Firebase
- ✓Payment Gateway Integration
- ✓ Push Notifications
- ✓ SDKs Integration
- ✓ Ionic/Angular
- ✓ Capacitor
- ✓No Code App (FlutterFlow, Adalo)
- ✓NLP mobile App (machine learning)

Admin Panel Development Skills:
- ✓ HTML/CSS
- ✓ Javascript
- ✓ Wordpress
- ✓ RESTful APIs

Backend Development Skills:
- ✓Node Js
- ✓ Php
- ✓ Java
- ✓ SQL

CHECK OUT MY PORTFOLIO

https://empsy1999.github.io
/Intel-online/

MACHINE LEARNING BACKGROUND

- Neural network design and implementation (CNNs, RNNs, etc.)
- Building Interactive Dashboards with Customizable Filters
- Predictive modeling (regression, classification)
- Machine Learning & Deep Learning
- Natural Language Processing (NLP)
- End-to-end pipeline development
- Model evaluation and optimization
- Data preprocessing and cleaning
- Data Cleaning & Visualization
- Interactive Data Visualization
- Clustering and segmentation
- Image and text processing
- Exploratory Data Analysis
- Computer Vision (CV)
- Time Series Analysis

GAME DEVELOPMENT

- Programming and Scripting (C#)
- Unity Engine Proficiency
- Unity Editor: Navigation, asset management, and scene setup.
- Prefab System: Reusable game objects.
- Scene Management: Multi-scene workflows and additive loading.
- Physics System: Rigidbody, Colliders, and triggers.
- Lighting: Baked lighting, real-time lighting, and light probes.
- Particle System: Creating VFX like smoke, fire, and explosions.
- Graphics and Rendering
- Game Design Principles
- Asset Creation and Integration

**Full Stack Developer at Speech Improvement Center
(April 2024 – February 2025)**

- Clinic Management System: Spearheaded the development of a tailored system, encompassing patient records, appointment scheduling, and inventory management.
- Full Stack Development: Demonstrated proficiency in full-stack development, ensuring seamless integration of front-end and back-end components.
- Laravel PHP Expertise: Utilized Laravel PHP to build a scalable and secure web application, optimizing performance and adhering to industry best practices.
- SQL Database Management: Established and maintained a relational database using SQL, facilitating efficient data storage and retrieval for patient records.
- User-Friendly Interfaces: Designed intuitive and engaging interfaces to enhance accessibility and user experience for both staff and patients.
- Process Optimization: Applied a keen focus on process optimization, identifying opportunities to enhance speed and efficiency within clinic workflows.
- Quality Assurance: Implemented rigorous quality assurance measures to ensure the reliability and accuracy of the Clinic Management System.
- Customer Service Background: Leveraged extensive customer service experience from the gaming industry to enhance client interactions and satisfaction.
- Team Collaboration: Solid team player with an outgoing and positive demeanor, contributing to the overall success and growth of Speech Improvement Center.
- Passion for Excellence: Motivated by a passion for quality, speed, and process optimization, with a focus on contributing to company success.
- Relationship Building: Articulate, energetic, and results-oriented, with an exemplary passion for developing relationships, cultivating partnerships, and driving business growth.

UPDATE CERTIFICATE

My certifications are up to date, as I have been continuously learning in this field for years. However, I chose to retake the course and examination to obtain a new certification. This ensures that my knowledge remains aligned with the latest industry standards and advancements in technology. By renewing my certifications, I demonstrate my commitment to professional growth and staying current with evolving best practices.

Data Science, Machine Learning, Data Analysis, Python & R
Conducted/Sponsored by DATAhill Solutions Scrinivas Reddy
February 3, 2025
8 hours and 9 minutes
https://d3mxt5v3yxgcsr.cloudfront.net/certificates/TP-6P8G1QR5.jpg?v=1.0

Machine Learning using Python
Conducted/Sponsored by simplilearn
February 02,2025
7 hours
https://simpli-web.app.link/e/4Fr8aSZdGQb

AWS Fundamentals
Conducted/Sponsored by simplilearn
February 02, 2025
4 hrs
https://simpli-web.app.link/e/sGetPHOjGQb

Deep Learning with Keras
Conducted/Sponsored by simplilearn
February 02, 2025
3 hrs
https://simpli-web.app.link/e/sGetPHOjGQb

AWS DATASYNC PRIMER
Conducted/Sponsored by simplilearn
February 03, 2025
3 hrs
https://simpli-web.app.link/e/qozfeGZjGQb

Introduction to Neural Network
Conducted/Sponsored by Great Learning Academy
February 01, 2025
6 hrs
Introduction to Neural Network course completion certificate for Gabriel Alvin Aquino

Python for Beginners
Conducted/Sponsored by simplilearn
January 31,2025
10 Hours and 40 minutes
https://certificates.simplicdn.net/share/7847692_81480921738470937751.pdf

Understanding Embedding for Natural Language Processing
Conducted/Sponsored by Mario Tormo Romero, AI Service Center Team
December 17, 2023
5 hours
Link Certificate

CHARACTER REFERENCE

Name: Lito Lozada
Work Title: Web Developer
Email: lito.lozada@speechic.net
Company: Speech Improvement Center
Mobile Number: 09679206396

Name: Zabi Kator
Work Title: CEO
Email: info@speechic.net
Company: Speech Improvement Center
Mobile Number:818267110

Name: Romwaldo Melchor
Work Title: IT Specialist
Email: romwaldomelchor@gmail.com
Company: University of Cordillera
Linkedin: linkedin.com/in/romwaldo-melchor-732536186

MY DEVELOPMENT PROCESS

Development Process:

1. Interpreting & Analyzing Requirements of clients.
2. Release Ductile Planning for a smooth workflow.
3. Creating Wireframes (outline) of the product to be created for an exact overview. Either it can be called "Mock-ups"
4. Initiating Innovative Design.
5. Once the designs are approved and filtered by the client. It's a great head start to move further for mobile application.
6. Deployment with a robust coding process.
7. Once the mobile app building phase is over, I will move on to Quality Assurance & Testing.
8. Mobile App is ready and finally ready to release on the online market such as Playstore & Appstore.

MY TRAITS

- Communication: I excel in team and stakeholder communication.
- Collaboration: I contribute seamlessly to team collaboration with a positive approach.
- Adaptability: I willingly adapt to new technologies and challenges.
- Curiosity: I maintain a constant curiosity with a commitment to continuous learning.
- Resilience: I handle setbacks with resilience and persistently pursue problem-solving.
- Initiative: I proactively propose improvements and contribute innovative ideas.
- Detail-Oriented: I pay meticulous attention to detail in code, documentation, and projects.
- Time Management: I efficiently balance multiple tasks and deadlines.
- Ethical Considerations: I prioritize security and privacy in software development.
- Passion: I have a genuine passion for problem-solving and user-centric solutions.

OTHER EXPERTISE

Front Desk Support
Driven Front Desk Agent highly skilled in managing reservations, telephone calls and customer inquiries. Poised and professional with total commitment to guest satisfaction. Well-versed in mitigating customer dissatisfaction with prompt service and diplomatic communication.

IT support Specialist
Innovative IT Support Specialist with experience in selecting and setting up diverse technical equipment. Strong written and oral communication skills resulting in knowledgeable, satisfied customers. Excellent instructional and problem-solving skills reduce concerns related to new technology.
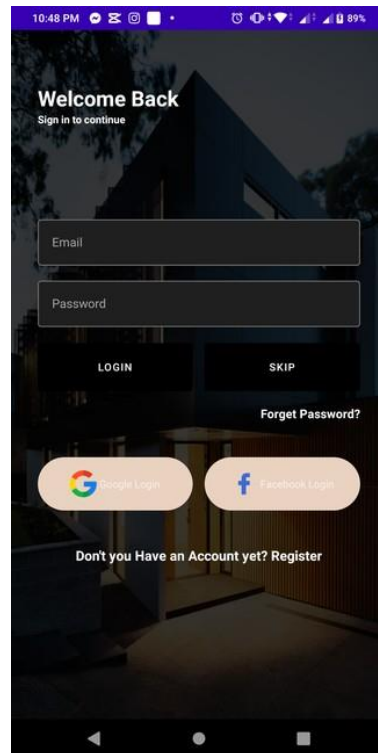
Machine Learning Expertise
Specialized in developing and optimizing machine learning algorithms, with expertise in Natural Language Processing (NLP) to build intelligent systems for text analysis, sentiment detection, and conversational AI. Skilled in data modeling, feature engineering, and deploying scalable AI solutions.
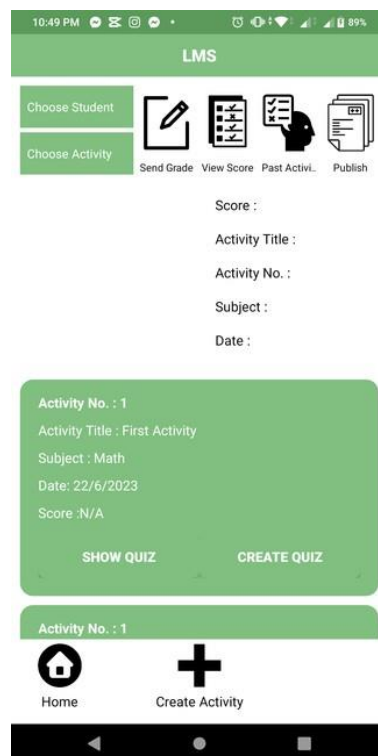
Game Development
Experienced in designing and developing immersive games using advanced game engines. Proficient in creating interactive gameplay mechanics, 3D modeling, and seamless user experiences, with a focus on performance optimization and cross-platform compatibility.

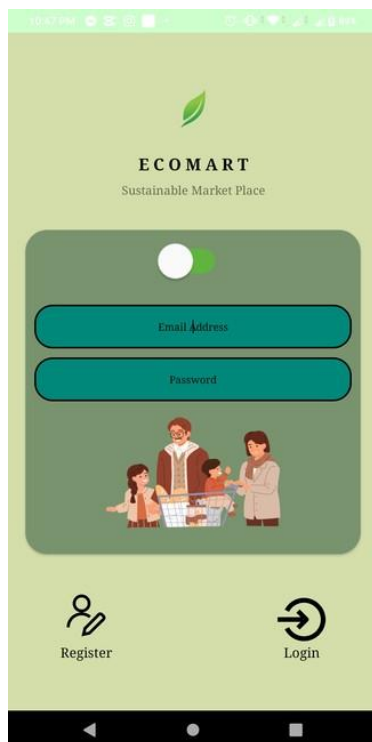# MY SAMPLE WORKS OF MOBILE APPLICATION

BOOKING HOTEL APP

SCHOOL LMS APP

EATERY FINDER APP

GROCERY APP