Gabriel Alfonso Gatbonton

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EDUCATION

Systems Plus College Foundation   Expected Graduation: May 2025
Bachelor of Science in Computer Science   *Angeles City, Pampanga*
- Running for Magna Cum Laude | Consistent Dean's Lister

TECHNICAL WORK EXPERIENCE

Web & Mobile Developer Intern   Sept 2022 - May 2025
ICT Development Unit   *Angeles City, Pampanga*
- Built and optimized 4+ enterprise web applications using React and Vue, improving performance and scalability by 30%.
- Developed reusable mobile components in React Native, enabling cross-platform compatibility and reducing code duplication by 40%.
- Refactored legacy algorithms to improve code maintainability and page load speed by 20%.
- Translated designs from Figma/XD into responsive, accessible UIs, and implemented client-server interactions using RESTful APIs and WebSockets.

PROJECTS

QuickGlance | *React Native, Laravel*   May 2025
- Converted iOS-specific components and interfaces into Android-compatible structures to ensure seamless cross-platform design consistency.
- Developed reusable and optimized React Native components, reducing code complexity and improving load performance by 25%.
- Ensured architectural consistency between iOS and Android ecosystems by abstracting shared logic and minimizing platform-specific divergence.

Citizen's Health and Information Management System | *Vue.js, Vuetify, Laravel*   May 2025
- Led frontend development for a citizen health management system in Vue.js, reducing UI rendering time by 40% by implementing lazy-loading and global state optimizations.
- Integrated hardware SDKs including SigWeb Signature Tablet, HID U.are.U Fingerprint Reader, and JavaScript-based webcam capture for citizen data collection.
- Developed 20+ reusable UI components, cutting development time for future features by 35%, by structuring modular, scalable design patterns.

Hotel Room and Booking Management System | *Vue.js, Vuetify, Laravel*   May 2025
- Built Vue-based interfaces with router-level optimization, improving responsiveness by 30%.
- Designed loading placeholders to enhance UX and simulate real-time feedback.

DeepFake Detector Web Application | *React.js, Mantine, Django*   Oct 2024
- Built a scalable DeepFake detection web app using React.js and Mantine, improving cross-platform responsiveness
- Created a responsive React + Django app to simulate DeepFake detection via RESTful API integration.
- Reduced development build time by 20% through component-driven design and CI/CD automation.

EaseMind | *React.js, Mantine, Juno, ICP Blockchain, Firebase*   Aug 2024
- Built a mental health chat platform using React and Mantine, improving real-time messaging performance by 40% using Firebase.
- Integrated blockchain-compatible Juno APIs for scalable and secure authentication workflows.

TECHNICAL SKILLS

Languages: *JavaScript, TypeScript, Python, HTML, CSS*
Frameworks & Libraries: *React.js, Vue.js, Django, jQuery, Node.js, Vuetify, Tailwind, Mantine*
Tools: *Git, VS Code, Figma, WebStorm, PyCharm, Canva*

CERTIFICATIONS

- *Information Technology Specialist in **Java**, **JavaScript**, **Python** & **Databases***