

# Gabriel Alfonso Gatbonton

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## EDUCATION

### Systems Plus College Foundation

Bachelor of Science in Computer Science

May 2025

Angeles City, Pampanga

- Magna Cum Laude | Consistent Dean's Lister

## TECHNICAL WORK EXPERIENCE

### Frontend Developer Intern

ICT Development Unit - SPCF

Sept 2022 - May 2025

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

Jan 2025 - May 2025

- Converted iOS-specific components and interfaces into Android-compatible structures to ensure seamless cross-platform design consistency.
- Engineered reusable and optimized React Native components, reducing code complexity and improving load performance by 25%.

### Citizen's Health and Information Management System | Vue.js, Vuetify, Laravel May 2023 - 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.
- Incorporated 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 2024 - May 2025

- Constructed Vue-based interfaces with router-level optimizations, improving responsiveness by 30%.
- Introduced loading placeholders to elevate user experience and simulate real-time interaction.

### DeepFake Detector Web Application | React.js, Mantine, Django

Sept 2024 - Oct 2024

- Devised a scalable DeepFake detection web app using React.js and Mantine, improving cross-platform responsiveness.
- Implemented a responsive React-Django interface integrating DeepFake detection via RESTful APIs.
- Reduced development build time by 20% through component-driven design and CI/CD automation.

### EaseMind | React.js, Mantine, Juno, ICP Blockchain, Firebase

July 2024 - Aug 2024

- Architected a mental health chat platform with enhanced real-time messaging efficiency (+40%) using Firebase.
- Leveraged blockchain-compatible Juno APIs for scalable and secure authentication workflows.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, HTML, CSS, Python

**Frameworks & Libraries:** React.js, Vue.js, React Native, Django, jQuery, Node.js, Vuetify, Tailwind, Mantine

**Tools:** Git, VS Code, Figma, WebStorm, PyCharm, Canva

## CERTIFICATIONS

### Information Technology Specialist in JavaScript

Issued by Certiport (a Pearson VUE business)

June 2023