

Zildjian Aquino Garcia

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EXPERIENCE

Google

Professional Cloud Architect Trainee, Singapore

Apr 2026 – Present

- Undergoing intensive deep-skilling in Google Cloud Platform (GCP) architecture, focusing on designing scalable, resilient, and secure enterprise-grade cloud solutions.
- Developing hands-on proficiency in orchestration and automation using Google Kubernetes Engine (GKE), Compute Engine, and Cloud Functions.
- Applying the Google Cloud Adoption Framework to design cloud-native infrastructures that optimize for cost, performance, and operational excellence.

Idle Logic Pte. Ltd.

Founding Team, Head of Product

Feb 2025 – Sep 2025

- Owned the end-to-end roadmap for a multi-tenant booking and management web app, from concept to deployment.
- Designed Figma UI/UX prototypes aligned with accessibility and usability best practices, increasing feature adoption during beta testing.
- Managed a 4-person dev team using Agile Scrum, delivering features 20% ahead of sprint schedule.

BlockchainLabs.Ai

Software Engineer Intern, Bangkok Thailand

Jul 2024 – Dec 2024

- Engineered a one-click Chrome Extension data importer, streamlining profile imports and reducing manual steps by 80% improving recruiter efficiency
- Optimized ReactJS frontend for the AI-powered ATS platform, improving component rendering times and reducing API call latency by ~25% through memoization and batching.
- Implemented responsive design and cross-browser compatibility fixes, ensuring consistent UX for 1000+ active users.

SKILLS

- **Frontend:** React, Next.js, Vue.js, TypeScript, JavaScript (ES6+), Tailwind CSS, Figma UI/UX.
- **Backend & Cloud:** GCP (Google Cloud Platform), AWS, Node.js, ASP.NET, RESTful API Integration, Microservices.
- **Databases:** SQL (PostgreSQL, MSSQL), SQL Server, Relational Database Design, ER Modeling.
- **Engineering Excellence:** Docker, CI/CD Pipelines, Git/GitHub, Unit Testing (Jest), Cypress E2E Testing, Agile Scrum.

PROJECT WORK

Advanced Software Engineering Project – NTU Foodies (Navigation App) | Frontend Developer

Nanyang Technological University, Advanced Software Engineering module

- Led the frontend development of a location-based web application using React Vite, TypeScript, and TailwindCSS, ensuring fast builds and a highly responsive user experience.
- Designed and implemented a mobile-optimized, user-friendly interface using reusable components to provide a seamless browsing experience across desktops, tablets, and smartphones.
- Collaborated with a 7-person team using Agile Scrum and Git/GitHub for configuration management, participating in the entire SDLC from requirements gathering to final release.

Object-Oriented Design & Programming Project – Camp Application and Management System

Nanyang Technological University, Object-Oriented Design & Programming module

- Engineered a Command Line Interface (CLI) application using Java, applying core Object-Oriented Design (OOD) principles such as encapsulation, inheritance, and polymorphism to model complex user roles (Staff, Student, and Camp Committee).
- Developed a detailed UML Class Diagram to ensure high cohesion and low coupling, facilitating features like report generation in CSV/TXT formats and a multi-level enquiry/suggestion system between students and staff.

HealthcareGoWhere | Full-Stack Developer

NTU x Google Hackathon Tech4Tomorrow

- Engineered a centralized healthcare navigation platform during a high-intensity hackathon, enabling users to locate nearest clinics and check real-time wait times to alleviate hospital congestion.
- Leveraged Google Maps Platform APIs to implement geolocation-based search and distance-matrix calculations, providing users with accurate travel estimates and interactive clinic routing.
- Designed a responsive web interface using React and integrated it with a cloud-hosted backend to manage dynamic healthcare provider data and user-reported clinic status updates.

Hall 3 Website

Nanyang Technological University, 41st Hall 3 Council | <https://hall3.netlify.app/>

- Developed and deployed the official hall website using the Hugo static site generator and Netlify, providing a centralized information hub for 500+ prospective and current residents.
- Designed and implemented a custom "Hall-3" theme, creating a modular architecture with reusable UI components, partials, and shortcodes to ensure a consistent design language across all sub-pages.

EDUCATION

Nanyang Technological University (NTU), Singapore

Aug 2022 – Dec 2025

Bachelor of Computing (Honours) in Computer Science

Nanyang Polytechnic (NYP)

Apr 2018 – Mar 2020

Diploma in Multimedia & Infocomm Technology

(Renamed to Diploma in Information Engineering in 2022)

ITE College Central

Apr 2016 – Mar 2018

Higher Nitec in Information Technology

(Course split into 2 courses after 2018)

AWARDS

- Silver Course Medalist (2020)
- NYP Scholarship, 2 years renewed (2018 – 2020)
- Outstanding Graduate Award (2018)
- Gold Course Medalist (2018)