

# Zildjian Aquino Garcia

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[zildjiangarcia.dev](https://zildjiangarcia.dev) | [github.com/zackyization](https://github.com/zackyization)

Singapore, SG

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## SUMMARY

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Highly motivated Computer Science fresh graduate specializing in modern Frontend Engineering with high proficiency in NextJS/ReactJS, TypeScript, and JavaScript. Proven ability to drive large-scale web performance optimization, manage product roadmaps, and collaborate with design and product teams to deliver high-quality, scalable solutions that impact millions of users.

## RELATED EXPERIENCE

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### Idle Logic Pte. Ltd.

*Founding Team, Head of Product*

*February 2025 - September 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*

*July 2024 - December 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.

### V System Pte. Ltd.

*Programmer (Intern)*

*September 2017 - January 2018*

- Built and maintained ASP.NET-based POS modules, integrating real-time inventory tracking with SQL Server backend.
- Enhanced UI rendering performance and reduced page load times by 15% through CSS refactoring and image optimization.

## TECHNICAL SKILLS

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- **SDLC & Architecture:** Full Product Lifecycle Management, MVC Pattern, Observer Pattern, Microservices.
- **Frontend & UI:** React, TypeScript, NextJS, Figma (UI/UX Best Practices), Responsive Design.
- **Data & APIs:** RESTful API Integration, Redux, SQL (PostgreSQL, MSSQL), Data Modeling.
- **Quality & DevOps:** Jest, Unit Testing, Automated Testing, Git/GitHub, CI/CD Pipelines.
- **Collaboration:** Agile Scrum, Jira, Confluence, Code & Design Reviews.

## PROJECT EXPERIENCE

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### Software Engineering Project – HOP! (Navigation App) | Frontend Lead

Nanyang Technological University, Software Engineering module

- Designed a mobile app in React Native to help users navigate around environmental hazards like haze and dengue clusters using real-time API data
- Designed the Figma wireframes to define the user journey and provided a clear visual guide for the team to follow during development.
- Oversaw the entire project lifecycle to ensure all functional requirements and testing goals were delivered on time and at a high quality.

### Data Science Mini Project - Identifying NTU Students At Risk of Mental Issues

Nanyang Technological University, Intro to Data Science & Artificial Intelligence module

- Sourced and processed complex campus datasets to support AI model training, predicting student mental health impact using machine learning.
- Translated complex data science results into clear formats, demonstrating the critical analysis skills needed for AI use cases.

## EDUCATION

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### Nanyang Technological University (NTU)

2022 - 2025

Bachelor of Computing in Computer Science

#### Co-Curricular Activities:

- Hall 3 40th, 41st Hall Council, Assistant Publications Secretary, Assistant Honorary General Secretary
- SCSE Club, Publications Subcommittee Member

### Nanyang Polytechnic (NYP)

2018 - 2020

Diploma in Multimedia & Infocomm Technology (cGPA: 3.98)

(Renamed to Diploma in Information Engineering in 2022)

#### Accolades:

- Silver Course Medalist
- NYP Scholarship, 2 years renewed
- WorldSkills Singapore 2020 Competitor under Web Technologies Trade
  - Intensive training with web technologies & frameworks

### ITE College Central

2016 - 2018

Higher Nitec in Information Technology (cGPA: 4.0)

(Course split into 2 courses after 2018)

2018 - 2020

#### Accolades:

- Outstanding Graduate Award
- Gold Course Medalist

## LEADERSHIP EXPERIENCE

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### 41st Hall 3 Council (NTU)

Assistant Honorary General Secretary

September 2023 - September 2024

- Managed the social media handles of the hall, @ntuhall3
- Developed the website for the hall, <https://hall3.netlify.app>
- Did event photography for numerous events around the hall

### SCSE Club, Events Subcommittee

Publications In-Charge

September 2022 – May 2023

- Designed the event T-Shirt, banner and managed the social media of the recent NTU TechFest'23
- Coordinated the design language to be used among all media works in the publications team for TechFest'23
- Did event photography for TechFest'23