

Zildjian Aquino Garcia

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SUMMARY

Senior Computer Science student at Nanyang Technological University with strong foundations in full-stack development and agile collaboration. Skilled in JavaScript, TypeScript, Python, and ReactJS, with hands-on experience optimizing web applications and deploying production features for real-world users. Passionate about developing scalable, maintainable systems that solve complex problems and improve user experience.

RELATED EXPERIENCE

Idle Logic Pte. Ltd.

Founding Team, Head of Product
2025

February 2025 - September

- 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

- Frontend:** HTML5, CSS3, React, Vue, TypeScript, Responsive Design, TailwindCSS
- Backend / Full-stack:** Node.js, Python, REST API design, SQL/MySQL/MongoDB
- DevOps & Tools:** Git, Docker, CI/CD, Linux, Testing & Debugging
- Other:** Data Structures & Algorithms, Performance Optimization, UI/UX Collaboration

PROJECT EXPERIENCE

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

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

- Sourced our own dataset by surveying the school population on their various behaviours in campus
- Applied various machine learning models, including Logistic Regression, Classification Tree, Neural Network, and Support Vector Classification, to predict the impact of mental health on student performance.

TechTable, Smart IoT Table

Nanyang Polytechnic, IoT Module

- Developed a smart IoT table that can provide users live feedback of seat availability in restaurants
- Incorporated Arduino to develop the table sensor and Swift/Java to create the IOS/Android applications.
- Won bronze in the School of Engineering Innovation competition.

EDUCATION

Nanyang Technological University (NTU)

2022 - Present

Bachelor 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

Co-Curricular Activities:

- NYP Ambassadorial Team (Media Executive)
- DMIT Club (Executive Committee Member)
- WorldSkills Singapore 2020 Competitor (Web Technologies Trade)

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

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