

Derrick Binangbang

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EDUCATION

Cebu Institute of Technology

Bachelor of Science in Computer Science

Cumulative GPA: 4.2/5.0.

Relevant Coursework: Data Structures, Software Engineering; Operating Systems; Algorithms; Artificial Intelligence

WORK EXPERIENCE

Ayahay. (15 employee bootstrap startup)

Software Developer

Cebu City, Cebu

May 2025 – Present

- Developed a **comprehensive shipping line management system** to track vessel utilization, passengers, bookings, payments, and accounting; optimized the legacy system, significantly improving web performance.
- Built a **notification and emailing system** using a Redis cluster, ensuring 100% server uptime and reliable delivery of critical passenger ticketing and operational information.

CESAFI

Software Developer

Cebu City, Cebu

May 2024 – March 2025

- Developed a sports management website for a major esports league, integrating OCR-based automatic match detection for real-time event tracking.
- Implemented features for live match automation, player management, and score tracking, improving operational efficiency and fan engagement.

The Technologistian

Software Developer

Cebu City, Cebu

October 2023 – May 2024

- Developed an SEO-optimized WordPress news press website with responsive design and fast-loading pages.
- Developed a WordPress platform supporting disaster relief, used by organizations and local government units for operational coordination.

PROJECTS

Kuyogcebu.com

September 2025

- Developed a mobile-first React platform supporting disaster relief, used by organizations and local government units for operational coordination.

Ayahay.com

May 2025

- Developed a shipping line management system to track operations, bookings, and payments, improving web performance. Awarded First Prize in Computing's Senior Design Projects (out of 100 teams)

ACTIVITIES

International Xiamien Competitions- Innovation Competitor

Competitor

Xiamien University Malaysia

June 2025

- Placed 3rd developing an AI-powered robotic system for water quality testing and automated pollution collection.

Department of Science and Technology Agri-Aqua Innovation Challenge

Competitor

Cebu City, Cebu

May 2025

- Developed innovative solutions in agriculture and aquaculture under expert guidance (Asian Institute of Management).

ADDITIONAL

Technical Skills: Advanced in SQL, JavaScript, HTML/CSS; Proficient in React, Nestjs, PostgreSQL, Tailwind CSS, Git, RESTful APIs, Responsive Web Design, Node.js,

Languages: Fluent in English.

Certifications & Training: Philippines National IT Certification Passer, Koreas Level 3 Competent Passer

Awards: International Competitor 3rd placer, Xiamen; DOST National Competition, Top 10