

# RICKY

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Sydney, NSW

## ABOUT ME

Results-driven software engineer with hands-on experience in backend and mobile development. Strong foundation in algorithms, data structures, and competitive programming, with a proven ability to solve complex problems efficiently. Known for adaptability, clear communication, and effective collaboration in fast-paced team environments. Currently preparing for a Master of Artificial Intelligence at UTS and seeking software engineering roles to deliver impactful, real-world solutions.

## EDUCATION

### Bachelor of Computer Science

Binus University, Indonesia  
2019 - 2023

GPA : 3.83/4.00

### Master of Artificial Intelligence

UTS, Sydney  
2025 - 2027

## SOFT SKILLS

- Agile & Scrum Development
- Analytical Thinking
- Adaptability
- Collaboration

## TECHNICAL SKILLS

- Python (Data Analysis, Machine Learning, Scripting)
- Swift (iOS Development)
- JavaScript & TypeScript
- Node.js & Express.js
- Git & GitHub
- RESTful API Development
- SQL & NoSQL Databases (e.g., MySQL, MongoDB)
- C & C++ (used extensively in competitive programming)

## LANGUAGES

- Bahasa Indonesia
- English

## ADDITIONAL INFO

Student Visa  
Valid until 10 July 2027

## WORK EXPERIENCE

### Software Engineer May 2023 - May 2024 Samsung R&D Institute - Jakarta

- Enhanced SmartThings app functionality and performance within Samsung's framework.
- Focused on user interface development and ensured seamless integration with smart TVs through the TV Plugin for SmartThings 2024.
- Contributed to the development of One UI 6, delivering a more intuitive and user-friendly experience for millions of users.
- Achieved Pro Level within the first year, demonstrating adaptability, fast learning, and strong team collaboration.

### Software Engineer Mar 2022 - Dec 2022 Apple Developer Academy - Tangerang

- Mastered Swift, UIKit, SwiftUI, GitHub, and soft skills at Apple Developer Academy.
- Developed five projects showcasing these skills.
- Developed multiple apps, including Powto (interactive photography tutorials), Regards (women's travel safety with real-time location sharing and emergency alerts), and Bottani (farm management with real-time data tracking and remote equipment control).

## HONORS & AWARDS

### 3rd Place - Widyatama Competitive Programming Jan 2021

- Came in 3rd in an International scale coding competition with participants from South-East Asia countries held by Widyatama University.
- Collaborated in a team setting to tackle data structure and algorithm challenges, and solved complex problems using C++, Python, and Java.
- Solved advanced algorithmic challenges using C++, Python & Java in a team-based setting under time pressure.

## CERTIFICATIONS

- Solo Learn : jQuery, Python 3, JavaScript, CSS, HTML, C, C++ (Feb 2020)
- Oracle : Databases of Developers (Apr 2021)
- Udemy: IOS & Swift (Feb 2023)

For certification credentials, please refer to my LinkedIn profile:  
<https://www.linkedin.com/in/rickychen930>

## COMPETITIVE PROGRAMMING

- Codeforces: Specialist (Rating: 1450), 171 problems solved, active in competitive programming contests
- Kattis : Score: 220.1 | Solved 5,416 problems Ranked among top global programmers Skilled in C++, Python, and Java

## PUBLICATIONS

Kabisa App: iOS-Based Application for Learning Sundanese Script with Game-Based Learning Implementation

IEEE · Oct 20, 2023