

# MACATANGAY, CHRISTIAN R.

Cagayan de Oro City, Philippines | (0930) 669 9589 | cmacatangay3433@gmail.com

## BRIEF SUMMARY

I am a graduate in Information Technology with hands-on experience in full stack development, mobile and web applications, and user-friendly design. Currently, I work as a **Mobile Application Developer at Buying Buddy Limited**, where I build cross-platform B2B tools using **React Native and TypeScript**. My background blends technical execution with leadership—from co-founding an AI-driven disaster response startup to serving as CTO for GDG on Campus. I'm driven by the challenge of turning complex problems into scalable, user-friendly applications that actually make an impact

## SKILLS AND EXPERTISE

**Technical Skills:** Mobile Development (React Native (Expert), Expo, TypeScript, Flutter/Dart, Mobile UI Performance Optimization), Full Stack Development (React.js, React Native, and Django), Core Web Technologies (HTML, CSS, Tailwind CSS, JavaScript, Python, PHP), UI/UX Design (Figma, Responsive Design, Usability Testing), Cloud & Deployment (AWS S3, GoDaddy, Hostinger), Database Management (MySQL, PostgreSQL, Firebase), Mobile & Web Application Development, API Development & Integration

**Soft Skills:** Leadership & Team Collaboration, Problem-Solving & Critical Thinking, Community Development & Engagement, Project & Organizational Management, Strong Communication & Documentation

## WORK EXPERIENCE

### Buying Buddy Limited

*October 2025 – Present*

*Mobile Application Developer*

- Developed a cross-platform B2B mobile app for car brokers using **React Native, Expo, and TypeScript**, enabling car listing, offer negotiation, and transaction tracking.
- Implemented MVVM architecture with **TanStack Query** for state management, **Expo Secure Store** for authentication, and push notifications for real-time updates.
- Built advanced filtering system, pagination, OTA updates, and optimized performance with skeleton loaders and memorization.

### Automated Incident Detection and Assistance (Start-Up)

*April 2024 – August 2025*

*Full Stack Developer, Internship, and Start Up Co-Founder*

- Designed and developed a disaster-ready mobile application integrating AI-driven real-time incident detection and automated reporting workflows.
- Built and maintained application features using React Native, React.js, Tailwind CSS, Django, and PostgreSQL for structured data storage and retrieval.
- Implemented AWS S3 for secure storage and retrieval of user-generated content (images, audio, and reports).
- Utilized Git/GitHub for version control and collaborative development, ensuring efficient project management and team contribution.
- Deployed and maintained applications on GoDaddy and Hostinger, ensuring accessibility and scalability for end users.
- Co-founded the start-up and led system enhancements, positioning the application for community-wide deployment.
- Conducted system testing, debugging, and optimization to reduce crash rates and improve app performance.
- Coordinated with mentors and industry experts to refine business strategy and technical design for competitions.

## LEADERSHIP EXPERIENCE

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### Google Developer Groups on Campus – USTP

November 2023 – March 2024

*Chief Technology Officer*

- Handled the Technology Department, assigning tasks, hosting strategy meetings, and ensuring timely project execution.
- Provided hands-on technical guidance to multiple teams, enhancing project quality and delivery.
- Organized collaborative coding sessions and workshops to upskill members in new technologies.

### USTP Scholar Society

August 2023 – July 2024

*General Secretary*

- Documented and managed official meeting minutes to ensure clarity and accountability.
- Drafted and distributed official communications to academic offices and event stakeholders.
- Assisted in event planning and coordination, ensuring smooth execution of university-wide activities.

### Google Developer Groups on Campus - USTP

August 2022 – July 2023

*Information Technology Lead*

- Led IT operations, coordinating departmental tasks with the CTO and executive branch.
- Delivered tech talks and workshops, fostering technical knowledge among members.
- Supervised student developers and guided them on best practices in coding and system design.

## PROJECTS

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### Buying Buddy Application

April 2024 – August 2025

*Mobile Application Developer*

- Architected and developed a **cross-platform mobile marketplace** connecting car brokers with dealers, supporting iOS, and Android.

### Automated Incident Detection and Assistance

April 2024 – August 2025

*Full Stack Developer*

- Developed a comprehensive disaster-ready application utilizing React Native, React.js, and Django. The application leverages artificial intelligence for real-time incident detection and automates user information processing to facilitate rapid and efficient reporting.

### Lawod: A Digital Fishing Companion

October 2023 – January 2024

*UI/UX Designer | Mobile Application Developer*

- Designed a user-centric, ocean-themed interface in Figma tailored to the needs of small-scale fishermen. Developed a fully operational marketplace application utilizing Dart, Flutter, and Firebase, delivering seamless functionality and an intuitive user experience.

### ChadaCucina

April 2023 – June 2023

*Web Developer*

- Developed and deployed a responsive web application using HTML, CSS, PHP, and JavaScript, achieving 98% compatibility across devices.

## EDUCATION

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### University of Science and Technology of Southern Philippines

August 2021 – June 2025

*Bachelor of Science in Information Technology*

Database and Information System Track

- Best Thesis

- Cum Laude

Liceo De Cagayan University  
Senior High School

June 2019 – March 2021

- Academic Track – Science, Technology, Engineering, and Mathematics

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## AWARDS AND RECOGNITIONS

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PacketHacks x HacktheClimate  
SMX Convention Center Pasay

August 2025

- Finalist

Southeast Asia Division of the China International College  
Students' Innovation Competition (SEA-CICSIC)  
Xiamen University Malaysia

July 2025

- 1<sup>st</sup> Place

Disruptor X: A Yearly Pitch Competition by Serial Disruptors  
Chali Beach Resort, Cagayan de Oro City

June 2025

- 2<sup>nd</sup> Runner-Up

Lambigit 2025: Northern Mindanao Research Innovation Summit  
University of Science and Technology of Southern Philippines - CDO

April 2025

- Overall Best Poster

Philippine Startup Challenge 9 - Region X By  
Department of Information and Communications Technology  
Mindanao State University - Iligan Institute of Technology

October 2024

- 1<sup>st</sup> Runner-Up

Business Idea Development Award 2024 - Philippine Chamber  
of Commerce and Industry

October 2024

Our Lady of Perpetual Succor College - Marikina City

- Champion

Sparks' Up Student Incubation Program

September 2024

Center for Entrepreneurship and Technology - USTP

- Receive 100k Grant Fund

Tech101 - Demo Day Pitching Competition

January 2024

Center for Entrepreneurship and Technology - USTP

- Champion
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