MACATANGAY, CHRISTIAN R.

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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. Through internships, start-up involvement, and academic projects, I have built applications using React.js, React Native, Django, Flutter, and core web technologies (HTML, CSS, JavaScript, Java, Python, PHP). And I am passionate about solving real-world problems with technology, eager to learn quickly, and ready to contribute innovative, scalable, and user-friendly solutions as part of a dynamic team.

SKILLS AND EXPERTISE

Technical Skills: Full Stack Development (React.js, React Native, and Django), Core Web Technologies (HTML, 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

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, 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

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

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

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   *June 2019 – March 2021*
Senior High School

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

AWARDS AND RECOGNITIONS

PacketHacks x HacktheClimate   *August 2025*
SMX Convention Center Pasay
- **Finalist**

Southeast Asia Division of the China International College Students' Innovation Competition (SEA-CICSIC)   *July 2025*
Xiamen University Malaysia
- **1st Place**

Disruptor X: A Yearly Pitch Competition by Serial Distruptors   *June 2025*
Chali Beach Resort, Cagayan de Oro City
- **2nd Runner-Up**

Lambigit 2025: Northern Mindanao Research Innovation Summit   *April 2025*
University of Science and Technology of Southern Philippines - CDO
- **Overall Best Poster**

Philippine Startup Challenge 9 - Region X By Department of Information and Communications Technology   *October 2024*
Mindanao State University - Iligan Institute of Technolgy
- **1st 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**