

# Ray Cielo Briones

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## EDUCATION

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**Cavite State University - Main Campus | Indang, Cavite**

**Sept. 2023 - Jun. 2027 (Expected)**

***Bachelor of Science in Computer Science***

- **Courses:** Computer Programming, Discrete Mathematics, Web Systems and Technologies, Advance Database Management, Data Structures and Algorithms, Fundamentals of Information Systems, Data Logic Design, Information Management, Software Engineering
- **Honors:** Deans Lister (Every Semester)

## TECHNICAL SKILLS

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**Languages (ordered by proficiency):** Python, Javascript, Typescript, C++, Java, C, Move

**Tools and Frameworks:** React, React Native, Next.js, Node.js, Docker, Redis, Prisma, Tailwind CSS, Flask, Express.js, Firebase, Google Gemini

## RELEVANT EXPERIENCE

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**Codebility | Remote**

**Nov. 2025 - Present**

*Full-Stack Developer Intern*

- Developing a scalable mobile application using React Native and Expo, digitizing a traditional loyalty program to enhance user accessibility and engagement.
- Integrating Firebase Authentication to secure user logins and manage sessions, alongside other Firebase Cloud Services for real-time data storage and backend logic.
- Collaborating with a development team under the supervision of a Team Lead to translate business requirements into functional mobile features.
- Optimizing application performance and UI responsiveness to ensure a seamless experience for users tracking their loyalty points and rewards.

**Eskwelabs | Remote**

**Oct. 2025 - Dec 2025**

*Automation Engineer Intern*

- Collaborated with a cross-functional team, including a workflow architect, to develop and implement automation workflows using n8n.
- Transformed project architecture designs into functional automation pipelines that streamline internal processes.
- Configured and Integrated various APIs, triggers, and nodes within n8n to enhance data flow and task efficiency.
- Tested, Debugged, and Refined workflows to ensure stability, scalability, and accurate data processing.
- Contributed to documentation and providing feedback on workflow performance and optimization.

**GabAI | Software Engineering Course Project**

**Oct 2025 - Present**

*Full-Stack Developer*

- Built an AI-powered interview coach with real-time voice interaction using the Google Live Speech API.
- Implemented résumé-processing features to generate structured insights for personalized coaching.
- Developed backend infrastructure using Supabase (auth) and PostgreSQL (database).
- Utilized Livekit's SDK for the AI agent pipeline and the Room creation for both User and AI agent.
- Designed and optimized the conversational AI pipeline, improving response flow and performance.

## GrabEat | OOP Course Project

Jan. 2025

### Full-Stack Developer

- Developed a mobile application about a food delivery application that is focused on local restaurants and reaching rural areas using React Native, implementing the backend with Object-Oriented Programming (OOP) principles such as classes, inheritance, abstraction, and encapsulation.
- Collaborated with a UI/UX designer and technical writer to create the application prototype and comprehensive project documentation.
- Focused on writing modular and maintainable code, ensuring scalability and clarity in the system's structure.

## Automated Attendance System| Capstone Project

Feb. 2023 - May 2023

### Embedded System Programmer

- Developed an automated attendance system using RFID technology powered by an Arduino Uno microcontroller.
- Programmed the system in C++ using the Arduino IDE, enabling automatic student identification and attendance logging.
- Collaborated with a cross-functional team, including an embedded engineer responsible for hardware design and integration.
- Focused on hardware-software integration, optimizing system accuracy and real-time data processing for reliable performance.

## PROJECTS

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### AI Voice Assistant | Personal Project

Oct. 2024

- Developed a voice-enabled AI web application powered by Google Gemini Flash 2.5 Pro, enabling users to converse with the AI through speech and receive both voice and text responses.
- Implemented the frontend using HTML and CSS for a clean and minimal interface.
- Built the backend with Node.js, handling real-time speech recognition, API integration, and response synthesis for an interactive conversational experience.

### NFT Minting App | Personal Project

May 2025

- Developed an NFT minting application within the Aptos ecosystem as part of a cohort-based learning program at *The Blokc*.
- Integrated Petra Wallet authentication to enable users to securely mint NFTs directly on-chain.
- Built the frontend with React, ensuring a clean and intuitive user interface.
- Designed and deployed the smart contract using Move, leveraging Aptos' blockchain infrastructure for efficient and secure minting.

## CERTIFICATIONS & BADGES

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### OPSWAT Academy | Critical Infrastructure Protection

Mar. 2025 - Mar. 2026

- Gained foundational knowledge of critical infrastructure protection (CIP) concepts.
- Learned how to identify critical networks and understand OPSWAT certification requirements.
- Navigated and utilized the OPSWAT Academy platform and certification structure.

### Google Cloud Skill Badge | Implement Load Balancing on Compute Engine

Mar. 23 2025

- Demonstrated skills in configuring load balancing and managing Compute Engine instances.
- Deployed virtual machines and containerized applications using Google Kubernetes Engine.
- Utilized Cloud Shell and gcloud commands to create and manage network and HTTP load balancers.

**IBM | Security on IBM Z****Apr. 25 2025**

- Gained knowledge of advanced mainframe security concepts including pervasive and quantum-safe encryption.
- Learned strategies for data protection and securing digital infrastructures.

**IBM | AI on IBM Z****Apr. 25 2025**

- Explored integration of AI with mainframe systems for improved model inferencing and prediction accuracy.
- Learned to leverage Gen AI, AI accelerators, and optimized stacks for efficient AI deployment.

**HACKATHONS/COMPETITIONS**

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**C(Old) (ST)art | Old.St Labs****Oct. 2024**

- Collaborated with a team to develop Eatsy, a food delivery web application designed for real-time shared orders among multiple users.
- Participated in a rapid prototyping hackathon, completing the full cycle from idea conception to prototype and pitch presentation.
- Built a collaborative delivery system that enables users to track and manage shared orders simultaneously across devices, ensuring seamless coordination and transparent order management.

**Base Batch (APAC) | BASE****Apr. 2025 - May 2025**

- Competed in an international Web3 hackathon (APAC) hosted on the Base network, focusing on Stablecoin innovation.
- Completed a prototype-to-pitch development cycle within one month.
- Built and deployed a Next.js dApp using the Base SDK, integrating stablecoin payments, rewards ("Bits"), and a freelancer leaderboard.
- Designed with Web2-friendly onboarding to ensure accessibility for users with no crypto background.