

# Ray Cielo Briones

(+63) 993 893 7052 | rcbriones95@gmail.com | [LinkedIn](#) | [GitHub](#)

## 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):** Javascript, Typescript, Python, C++, Java, C, Move

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

## RELEVANT EXPERIENCE

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**Upwork | Remote**

**Dec. 2025 - Jan 2026**

*Software Engineer Freelancer*

- Architected the end-to-end data pipeline for an AI advertisement video generator, utilizing Mermaid Charts to visualize and streamline complex user workflows.
- Spearheaded the mobile-to-web system migration, optimizing performance to increase video generation limits by 650% (from 8 seconds to 1 minute).
- Re-engineered the core system design, achieving significant reductions in API token usage, data processing latency, and operational costs.
- Implemented a tiered draft validation system, a cost-saving feature that prevented resource wastage for the client and optimized credit usage for end-users.

**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.
- Created an automated workflow of a monthly outreach email for Eskwelabs stakeholders using n8n.
- Write scripts for data manipulation for streamline processing of data within the workflow.
- Created two AI agents that generates personalized emails monthly for stakeholders based on the upcoming event of Eskwelabs and the stakeholder's past interaction with the company.

### **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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### **Mixpanel Clone Web App | Personal Project**

***January. 2026***

- Developed a WebApplication that has the same User interface and Functionalities as Mixpanel's Data Filtering visualization
- Implemented the Front-end using Next.js framework, Tailwind CSS for styling, and Shadcn and React-Query Builder for the UI components which are deployed on Vercel.
- Build the Backend using a containerized instance of express.js connected to a database that is deployed on Render.
- The database is PostgreSQL which lives in the cloud provider Supabase.

### **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.

### **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.

## **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.