

# JEREMIE D. DEUNA

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## Professional Summary

Computer Science graduate with honors (cum laude), specializing in mobile and web application development. Skilled in Flutter/Dart and Firebase with experience in both academic and freelance projects. Strong foundation in programming, problem-solving, and documentation. Eager to contribute as a junior developer while continuously growing expertise in artificial intelligence and software development.

## Work Experience

### Mobile and Web Developer – Freelance

September 2023 – September 2025

- Contributed to development of a Flutter-based storytelling application integrating multiple AI services for intelligent content generation across mobile, web, and desktop platforms.
- Integrated multi-provider AI chat system supporting OpenAI GPT/DALL-E, Google Gemini, Anthropic Claude, and Stability AI with real-time communication and advanced message management (copy, delete, edit).
- Developed AI-powered mask editing tools for post-generation image refinement, including custom SVG drawing and annotation features.
- Built Project Gutenberg integration for importing and processing public domain books with automated text formatting.
- Enhanced UI/UX navigation and implemented sibling navigation, contextual help, and improved workflow design.
- Resolved web platform issues including TextFormField editability and responsive layout optimization.
- Implemented Filipino language localization and internationalization features for cross-cultural accessibility.
- Integrated Google ML Kit for advanced computer vision capabilities and modular machine learning design.

## Education

### Arellano University – Jose Abad Santos

2023

Bachelor of Science in Computer Science

2018-2023, Cum Laude

## Skills

Flutter/Dart, Java, C#, C++, Python, HTML, CSS, Firebase, Git, Visual Studio Code, Android Studio, Photoshop, Canva, Filmora, English (Fluent), Filipino (Native)

## Projects

### RightWaste App - Interactive Waste Management with AI Image Classification

- Thesis Project | Arellano University | 2023
- Educational mobile application teaching children proper waste segregation through gamification. Implemented core game logic, interactive learning modules, and AI-powered image classification. Integrated machine learning models for real-time waste identification and categorization. Achieved recognition for innovative approach to environmental education technology.

### PlayfulThinker - Educational Learning App for Children

- Academic Project | Java, Android Studio.
- Educational mobile application teaching alphabet, numbers, and colors through interactive gameplay. Implemented gesture detection, audio integration, and engaging card-based learning activities. Designed child-friendly user interface with accessibility features and parental controls.

### StoryWeaver - Multimedia Story Creation Platform

- Academic Project | Flutter, Dart, Firebase
- Interactive story-writing application supporting text, images, audio, and 3D model integration. Built comprehensive user authentication and profile management system. Developed rich text editor with multimedia content support and Wikipedia API integration. Implemented cloud storage for user-generated content with real-time synchronization