

# CRIS DEINE L. POMPERADA

Koronadal City, Philippines • +63 955 205 1555 • [crisdeine@gmail.com](mailto:crisdeine@gmail.com)  
[github.com/Deineee](https://github.com/Deineee) • [linkedin.com/in/cris-deine-pomperada-37496727a](https://www.linkedin.com/in/cris-deine-pomperada-37496727a)  
Portfolio: <https://joyful-bookings-268729.framer.app/>

## SUMMARY

Computer Science graduate with hands-on experience in backend development, AI model development and mobile app development. Built tabulation and grading systems using PHP, JavaScript, Flutter, and Laravel, and developed scalable ERP systems with the MERN stack. Committed to continuous learning and delivering efficient, reliable solutions within collaborative teams.

## TECHNICAL SKILLS

- **Languages:** PHP, JavaScript, HTML, CSS, C++, Python, Dart, Ruby, Java
- **Technologies/Frameworks:** Laravel, MERN Stack (MongoDB, Express.js, React, Node.js), Bootstrap, Filament, Flutter, Ruby on Rails, Vue.js, GraphQL
- **Databases:** MongoDB, MySQL, Firebase, PostgreSQL
- **Developer Tools:** VS Code, Git, Github, Postman, XAMPP, Android Studio, Jupyter Notebook
- **LLMs & Tools:** Ollama, LLaMA 3, OpenAI API, REST API

## PROFESSIONAL EXPERIENCE

**Backend developer, Metrix Bolt Center** 

**February 2025 - July 2025**

- Develop the backend architecture of a comprehensive ERP system using Node.js (runtime), Express.js (framework), and MongoDB (database), with a focus on scalability and modularity within an Agile development environment.
- Collaborating with frontend developers to ensure data exchange between the client-side React components and backend APIs.

## INTERNSHIP EXPERIENCE

**ChatGenie** 

**July 2025 - August 2025**

- Developed a full-stack dating application featuring user profiles, real-time chat, and photo management using Vue.js for the frontend.
- Implemented a GraphQL API with Ruby on Rails to handle user authentication, profile updates, and messaging features.
- Integrated image upload and cropping functionality with Cloudinary, enhancing the user experience with seamless profile photo management.

**Eulap**  

**June 2024 - August 2024**

- Developed a real-time scoring and results platform for the 2024 SOXITECH Startup Hackathon (Region 12) using PHP, HTML, CSS, JavaScript, and MySQL.
- Designed and built a mobile-based tabulation system for the 2024 T'nalak Festival Street Dancing Competition using Flutter, Dart, and Firebase.

## PROJECTS

**LLM Prompt Optimization Toolkit** 

**July 2025**

- Developed a lightweight prompt optimization toolkit using Python, Pandas, and Ollama's local LLaMA 3 API to systematically test, refine, and evaluate LLM-generated outputs for summarization tasks.
- Implemented automated prompt comparison and CSV logging to iteratively improve prompt performance and ensure reproducibility.

### AI model for diabetes prediction

July 2024 - March 2025

- Built and optimized a diabetes prediction AI model using Logistic Regression with Elastic Net regularization, classifying users as Healthy, Pre-Diabetic, or Diabetic based on medical features (age, BMI, blood pressure, cholesterol, etc.).
- Assessed the model's reliability through accuracy, precision, recall, and F1-score, benchmarking its performance against baseline and other classifiers to enhance predictive outcomes.
- Utilized Python with Jupyter Notebook for development and employed Matplotlib and Seaborn for data visualization and analysis throughout the project.

### Grading System

August 2024 - November 2024

- Built a grading system for a local college that allowed teachers to input and manage student scores for assignments, projects, and attendance, with automated grade computation per semester based on configurable grading criteria.
- Used Laravel for back-end development and Filament to build a clean admin pane, with a Bootstrap-based frontend for a responsive and user-friendly interface.

### Club Payment System

May 2023

- Contributed as a backend developer in a school project creating a digital payment system to streamline club membership payments and improve financial transparency.
- Developed core backend logic using Laravel, implementing admin and user with modules for authentication, payments, events, dashboards, users, documents, agendas, and financial reporting.

### Pet Adoption App

September 2023

- Built a mobile pet adoption app using Flutter and Firebase, enabling users to browse, search, and apply for pet adoptions seamlessly.
- Integrated Google Maps API to display shelter locations and navigation within the app.
- Used Firebase Firestore for real-time data updates and Firebase Auth for secure user login and registration.
- Implemented responsive UI in Flutter following Figma designs for a clean user experience.

## EDUCATION

### Bachelor of Science in Computer Science

Notre Dame of Marbel University ( 2021 - 2025)

- Dean's Lister: 1st Semester (2021-2022), 1st Semester (2023 - 2024), 2nd Semester (2023 -2024)

### Secondary Education

Koronadal National Comprehensive High School (2015 - 2021)

### Primary Education

Mary Land School Inc. (2009 - 2015)