CRIS DEINE POMPERADA

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Portfolio: *deineee.github.io/portfolio/*

EDUCATION

Notre Dame of Marbel University | Koronadal City   *May, 2025*

Bachelor of Science in Computer Science | GWA: **1.58 ≈ 91%**

Relevant Coursework: Software Development Process, Data Structure, Software Architecture & Design, Operating Systems, Machine Learning, Algorithms and Complexity, Graphics and Visual Computing, Networks and Communication, Automata Theory

PROFESSIONAL EXPERIENCE

Backend Developer | Metrix Bolts Center (Freelance)   *February, 2025 - July, 2025*

Developed backend architecture for an ERP system with emphasis on scalability, modularity, and efficient data handling.

- Designed and implemented server-side logic using Node.js and Express.js, building modular APIs to support multiple ERP system modules.
- Managed and optimized data persistence with MongoDB, including schema design, indexing, and query optimization for faster data retrieval.
- Collaborated with frontend developers to integrate React components with backend REST APIs, enabling seamless client-server communication.
- Applied Agile methodologies (daily stand-ups, sprint planning, code reviews) to deliver iterative features and ensure continuous improvement.
- Utilized Git version control and best coding practices to ensure maintainability, scalability, and team collaboration.

Full-Stack Developer Intern | ChatGenie   *July, 2025 - August, 2025*

Built a full-stack training project — a dating application with user profiles, real-time chat, and photo management using Vue.js for the frontend and Ruby on Rails with GraphQL for the backend API.

- Implemented authentication, profile management, and messaging features through a GraphQL API.
- Integrated Cloudinary for image upload and cropping, enabling seamless profile photo management.
- Practiced Agile workflows, Git-based version control, and collaborative development in a team environment.

Full-Stack Developer Intern | Eulap   *June, 2024 - August, 2024*

Developed web and mobile applications for event scoring and tabulation systems.

- Developed a real-time scoring and results platform for the 2024 SOXITECH Startup Hackathon (Region 12) using PHP, HTML, CSS, JavaScript, MySQL, and REST API.
- Designed and implemented a mobile-based tabulation system for the 2024 T'nalak Festival Street Dancing Competition using Flutter, Dart, Firebase, and REST API, which led to an invitation from a judge to provide tabulation services at the Pampanga Festival.

PROJECTS

AI Model for Predicting Diabetes (Python, Jupyter Notebook)   *July, 2024 - March, 2025*
Source Code: github.com/Deineee/diabetes_pred

Built and optimized a machine learning model to classify users as Healthy, Pre-Diabetic, or Diabetic based on medical features.

- Developed a Logistic Regression model with Elastic Net regularization to improve predictive accuracy and prevent overfitting.
- Evaluated model performance using accuracy, precision, recall, and F1-score, benchmarking against baseline and alternative classifiers.
- Utilized Python (Jupyter Notebook) for development and applied Matplotlib and Seaborn for data visualization and analysis.

Grading System (Laravel, Bootstrap, Filament ,MySQL)   *August, 2024 - November, 2024*
Source Code: github.com/Deineee/grading

Built a grading system for a local college to streamline score management and grade computation.

- Developed backend using Laravel, implementing configurable grading criteria and automated grade computation per semester.
- Built an admin panel with Filament for teachers to input and manage student scores for assignments, projects, and attendance.
- Designed a responsive frontend with Bootstrap, ensuring a user-friendly interface for administrators and faculty.

Club Payment System (Laravel, Tailwind CSS , MySQL)   *May, 2023*
Source Code: *github.com/DizzyCheems/Club-Payment-System*

Contributed to a school project developing a digital payment system to streamline club membership payments and improve financial transparency.

- Developed core backend logic using Laravel, implementing modules for authentication, payments, events, dashboards, users, documents, agendas, and financial reporting.
- Built secure admin and user features to manage financial transactions, track activities, and provide transparent reporting.

SKILLS

Programming: PHP, Ruby, Java, C++, Python, JavaScript, Dart, HTML/CSS
Technologies: Laravel, MERN Stack (MongoDB, Express.js, React, Node.js), Ruby on Rails, Flutter, Vue.js, Filament, GraphQL
Databases: MySQL, MongoDB, PostgreSQL, Firebase
Tools: Visual Studio Code, Git/Github, Postman, XAMPP, Android Studio, Jupyter Notebook