JESSA DONNALYN M. REROMA
JUNIOR SOFTWARE DEVELOPER

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EDUCATION

University of San Jose-Recoletos   Cebu, Philippines

Bachelor of Science in Computer Science, *Cum Laude*   **August 2021 - May 2025**
Major in Artificial Intelligence and Mobile Development

Voctech Senior High School   Cebu, Philippines

ICT Major in Computer Programming, *Valedictorian*   **June 2019 - July 2021**

SKILLS SUMMARY

Languages & Technologies	Java, Dart, Python, C, C#, JavaScript, TypeScript, R, HTML/CSS, MySQL, TCP Tunneling
Tools & Platforms	Azure TFS, Firebase, IntelliJ, Visual Studio Code, Git, DBeaver, SourceTree, Figma, Ngrok
Frameworks & Libraries	Flutter, Spring Boot, Hibernate, JPA, React, FastAPI, Django, *Pandas, NumPy, scikit-learn, YOLOv8*
Soft Skills	Problem-Solving, Team Collaboration, Adaptability, Communication, Time Management, Receptive to Feedback, Curiosity & Willingness to Learn

WORK EXPERIENCE

FULL STACK DEVELOPER | ALLIANCE SOFTWARE INC.   **January 2025 - May 2025**

- Assisted in the development of a large-scale ERP system using **Spring Boot, JPA, Hibernate,** and **MySQL**
- Developed and enhanced backend features, including creating and modifying SQL stored procedures
- Contributed to frontend improvements using **React**, ensuring seamless integration with backend APIs
- Collaborated with developers in an Agile environment and used **Git (via SourceTree)** and **Azure TFS** for version control and task tracking.

PROJECTS

BizExpense | *C#, .NET, Razor, MySQL*   **September 2024 – December 2024**

- Developed an expense tracking web application for Alliance Software Inc. as part of Training Program
- Created a detailed expense report page with category-based filtering and dynamic charts, integrated with a chatbot that fetched data from a local database via TCP tunneling for real-time querying and visualization
- Designed the backend with C#, .NET, and Razor views; managed data storage with MySQL

SpeakBright | *Flutter, Dart, Firebase, FastAPI, Python, TensorFlow, Git*   **August 2024 – April 2025**

- Thesis Project; Augmentative and Alternative Communication (AAC) Mobile Application for Nonverbal Autism Spectrum Disorder Learners Integrating Sequential Pattern Mining and Completion Time Estimation
- Led UI/UX design and developed backend with Firebase Auth for user management and Firestore for data storage
- Integrated Sequential Pattern Mining, specifically Temporal Constraint-Optimized PrefixSpan for card recommendation based on student's recent activity
- Developed algorithm to track and adjust card proficiency based on user progress

RyMind | *Python, NLP, TensorFlow, Computer Vision, Face Recognition, Speech Recognition*   **May 2024**

- Developed RyMind, an assistive tech solution for dementia care, integrating face recognition and a speech-to-text chatbot for personalized communication
- Utilized TensorFlow, NLP, and computer vision (via face-recognition library) to improve patient recall and caregiver interaction

CERTIFICATES

AWS Academy Graduate - AWS Academy Cloud Architecting | Link   **April 2025**
Issued by Amazon Web Services Training and Certification

AWS Academy Graduate - AWS Academy Cloud Foundations | Link   **April 2025**
Issued by Amazon Web Services Training and Certification

Postman API Fundamentals Student Expert | Link   **June 2025**
Issued by Postman