

JOAN KIRSTIEN S. BORJA

JUNIOR SOFTWARE DEVELOPER

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EDUCATION

UNIVERSITY OF SAN JOSE-RECOLETOS

August 2021 – May 2025

- Bachelor of Science in Computer-Science, Loyalty Awardee
Major in Artificial Intelligence and Mobile Development

UNIVERSITY OF SAN JOSE-RECOLETOS

June 2019 – July 2021

- STEM - Medicine

EXPERIENCE

ALLIANCE SOFTWARE INC.: FULL STACK DEVELOPER

February 2025 – June 2025

- Contributed in the development of large-scale ERP system using Spring Boot, JPA, Hibernate, and MySQL.
- Created and modify SQL stored procedures to developed and enhanced backend features.
- Developed frontend components using React with seamless API integration.
- Worked with development team in Agile environment using Git (SourceTree) for version control and Azure TFS for task management.

PROJECTS

THESIS PROJECT : VISIONAID APPLICATION | CO-CREATOR

August 2024 – May 2025

- Conducted extensive research on visually impaired individuals in the Philippines, including their socioeconomic status and technological access.
- Created affordable business models, including a 199 PHP one-time purchase and premium subscriptions with advanced features like facial recognition.
- Developed a cutting-edge assistive technology application for visually impaired users, leveraging advanced computer vision, OCR, and NLP capabilities. VisionAid provides real-time object and scene recognition, text-to-speech conversion, and hands-free operation through voice commands.
- Implemented an OCR system using EasyOCR with SSD MobileNet-based object detection to perform real-time text recognition on detected regions of interest in video streams, applying filters and saving results for further analysis.
- Used Python for the overall project structure and integration, while TensorFlow/Keras handled model training, EasyOCR performed text recognition, and OpenCV managed video processing.

PINTEREST CLONE | MEMBER

May 2024

- Designed and implemented a comprehensive 5-step authentication system with email/password registration, Facebook/Google/Apple social login, real-time form validation, and dynamic location selection via external APIs
- Built responsive user interface with custom navigation components, toggle password visibility, smooth step transitions, and integrated demographic data collection

POS/ORDERING SYSTEM DEVELOPMENT | CO-CREATOR

July 2024

- Designed and developed a Flutter-based POS system application assigned in developing the “Kitchen” and “Cashier” interfaces, enabling seamless order status management, PDF receipt generation, and real-time transaction handling for efficient kitchen and cashier workflows.
- Employ Firebase for user authentication (via Firebase Auth), storing and retrieving menu items, cart items, and orders in Firestore.
- Utilize Firestore streams for managing real-time data updates.
- Used Dart with Flutter framework in building the app’s logic and functionality while utilizing Firebase for backend services such as authentication and data management.

SKILLS

Languages & Technologies	Dart, Python, C, Javascript, Java, MySQL
Tools & Platforms	Azure TFS, Firebase, IntelliJ, Visual Studio Code, Git, DBeaver, SourceTree
Design	Figma, Canva
Frameworks & Libraries	Flutter, Django, Numpy, YOLOv8
Soft Skills	Team Collaboration, Adaptable, Susceptible to Feedback, Patient, Persistent, Receptive to training.

CERTIFICATES

AWS Academy Graduate - AWS Academy Cloud Architecting Link	May 2025
Issued by Amazon Web Services Training and Certification	
AWS Academy Graduate - AWS Academy Cloud Foundations Link	May 2025
Issued by Amazon Web Services Training and Certification	
Central Visayas-Philippine Startup Challenge 9: Regional Pitching Competition Link	October 2024
DICT (Department of Information and Communications Technology-Region VII)	