BRIGITTE C. ESTOLATAN

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OBJECTIVE

- To obtain a position in an IT institution where I can apply and develop my knowledge and skills in Information Technology, contribute to projects, and gain valuable more hands-on experience to enhance my expertise in the field.

EDUCATIONAL ATTAINMENT

Technological Institute of the Philippines   August 2021 – May 2025
Bachelor of Science in Information Technology, Cum Laude   Quezon City, Metro Manila

DESIGN PROJECTS COMPLETED / RESEARCHES

RECO-System: Mobile App for Recyclable Material Segmentation Using YOLOv8
- RECO-System is a Flutter mobile app that uses Firebase as its backend. It's designed to detect and segment recyclable materials, then provide upcycling recommendations.

HealthQuest: Gamified Health Tracker App
- HealthQuest is a mobile app designed with React and Firebase that allows users to monitor their progress, earn rewards, and experience a gamified approach to have a healthier body.

VitalSkin: Online Appointment System for Derma Clinic
- This is a web-based appointment system using HTML, CSS, JavaScript that lets the user to do online scheduling system to the services that the clinic provides, allowing clients to book appointments.

Scan-Tastic Eats!: Ingredient Scanner and Recipe App
- Scan-tastic Eats is a Flutter mobile app that allows users to scan their kitchen ingredients. The app then generates personalized recipe suggestions with step-by-step cooking instructions.

Classifying Student Employability Using Data Mining on Mock Interviews, Demographics, and Academic Performance
- This data mining project uses WEKA to classify student employability based on demographic data, academic records, and mock interview results datasets.

SKILLS

- Familiar with HTML, CSS, Bootstrap, WordPress, C++, JavaScript, React Native, ReactJS, Flutter, Dart, PHP (Laravel), Firebase, MySQL, Oracle, Java, Python, Git for mobile/website development and database management
- Experienced using Visual Studio, VirtualBox, and RStudio

WORK EXPERIENCE

MoodLearning Inc.   May 2025 – June 2025
Full Stack Developer (Part-time)   Quezon City, Metro Manila
- Enhanced the existing system by adding more user accounts using PHP Laravel to support organizational access and roles.
- Extended the database structure to incorporate new data entries specifically for reports, providing the availability of data.
- Created a consolidated report function to display data for streamlined analysis.
- Developed a web dashboard providing analytical graphical results for visual interpretation of key data
- Debugged and conducted testing on the system flow to ensure a more accurate and correct functionality, providing reliable operational processes.

INTERNSHIP EXPERIENCE

MoodLearning Inc.   February 2025 – May 2025
Full Stack Developer Intern   Quezon City, Metro Manila

- Developed and generated graphical reports from e-commerce data within the WordPress to display the systems analysis.
- Configured and deployed the osTicket ticketing system, implemented automatic ticket number generation for submitted inquiries to streamline customer support operations.
- Developed and implemented different user account system using PHP Laravel, supporting different user roles and access permissions.
- Designed and created MySQL database structure to support user management, data entry, and system operations.
- Debugged and optimized the system code and workflows to improve the overall system operational flow