

# JOHN DENVER R. LAURIAN

BLK 4, LOT 14, Sta. Monica, Brg. Tuyo • Balanga City, 2100 • jdrLaurian@gmail.com • +63 948 447 5512

## SKILLS

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**Languages:** Java, C#, SQL, JavaScript

**Web:** React, TailwindCSS

**Mobile:** Android (Java + XML Views), Firebase Realtime Database

**Databases:** MySQL

**Tools and Platforms:** Git/GitHub, VS Code, Android Studio, Windows, Linux (Debian, Ubuntu)

## PROJECTS AND EXPERIENCES

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### WorkWell: Posture Enhancement Through Guided Routines Using CNN-based Mediapipe Pose Landmark Detection Algorithm

**Technologies:** Android Studio, Java, Android XML, MediaPipe

**Software Developer**

- Implemented real-time posture detection using MediaPipe Pose Landmark Detection and a CNN algorithm.
- Integrated audio feedback to notify users of correct or resting posture during routines.
- Developed a video recording module to capture patient sessions for performance tracking.

### Gabay: A Local-based Travel Expenditure Log

**Technologies:** Android Studio, Java, Android XML, and Firebase

**Software Developer**

- Developed the back-end functionality in Android Studio using Java.
- Designed and implemented the database schema in Firebase.
- Created and optimized database queries to ensure efficient data retrieval.
- Integrated the front-end with the database using a layered architectural approach.
- Implemented Firebase Authentication for secure email and Google authentication.

### AMISCOSA Hardware Sales and Inventory System

**Technologies:** Visual Studio, ASP.NET Core, C#, HTML, CSS, JavaScript, and MySQL.

**Software Developer**

- Developed robust back-end functionalities in ASP.NET Core using C#.
- Designed and optimized the database schema and SQL queries for MySQL in XAMPP.
- Implemented a layered architecture to seamlessly integrate front-end and back-end components.

### TicketFlare: A Proposed BPSU Event Management System

**Technologies:** Visual Studio, ASP.NET Core, C#, HTML, CSS, JavaScript, and MySQL.

**Software Developer**

- Developed robust back-end functionalities in ASP.NET Core using C#.
- Designed and optimized the database schema and SQL queries for MySQL in XAMPP.
- Implemented a layered architecture to seamlessly integrate front-end and back-end components.

## GITHUB PROFILE:

**Username:** [denver0619](https://github.com/denver0619)

**Portfolio:** [denver0619.github.io](https://denver0619.github.io)

## CERTIFICATIONS AND SEMINARS

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### CERTIFICATIONS

- Microsoft Office Specialist: Associate (Microsoft 365 Apps) May 3, 2025  
*Microsoft*
- Microsoft Office Specialist: PowerPoint Associate (Microsoft 365 Apps) May 3, 2025  
*Microsoft*

- Microsoft Office Specialist: Excel Associate (Microsoft 365 Apps) April 25, 2025  
*Microsoft*
- Microsoft Office Specialist: Word Associate (Microsoft 365 Apps) March 28, 2025  
*Microsoft*
- App Development with Swift Associate December 29, 2024  
*Apple*
- IT Specialist - Computational Thinking December 14, 2024  
*Certiport*
- IT Specialist - Software Development December 7, 2024  
*Certiport*
- IC3 Digital Literacy Certification GS6 Level 1 May 27, 2024  
*Certiport*
- ISO/IEC 27001:2022 INFORMATION SKILLFRONT SECURITY ASSOCIATE™ September 5, 2023  
*SKILLFRONT*

## SEMINARS

- Branching Out: Mastering GIT and Introduction to GITHUB Copilot April 6, 2024  
*BPSU SSITE*

## ACHIEVEMENTS AND AWARDS

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### Scholarships

- DOST Junior Level Science Scholarship (JLSS) Program 2023 – 2025  
*Department of Science and Technology – Science Education Institute*
- Iskolar Ng Bataan 2021 - 2023  
*Bataan LGU*
- Iwahori MPC Scholar 2015 – 2025  
*Iwahori Multipurpose Cooperative*

## EDUCATION

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### Bataan Peninsula State University – Main Campus

2025

*Capitol Compound, Tenejero, City of Balanga, Bataan 2100*

- Bachelor of Science in Computer Science Major in Software Development
- Dean's Lister (1<sup>st</sup> Year – 4<sup>th</sup> Year)
- Cum Laude

## ORGANIZATION EXPERIENCES

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### BPSU Student Society on Information Technology Education

2022-2025

*Student Development and Programs Committee member*

- Proposing programs and events both on campus and for the community.
- Planning events comprehensively, including defining objectives, scheduling, and designing program flow.
- Collaborating with team members to ensure successful execution of events, focusing on engagement and impact.