

# Benson Javier

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## Education

**National University - Dasmariñas**, Bachelor of Science In  
Information Technology with Specialization of Mobile and Web  
Application (BSIT-MWA)

August 2022 – Present  
Dasmariñas, Cavite

**Relevant Coursework:** Integrative Programming and Technologies, Advanced Database Systems, Web Systems and Technologies, Advanced Web Programming, Advanced Information Assurance and Security.

## Professional Experience

**Internship - Web Developer**, Go8 Technology Inc.

January 2026 – May 2026

- Developed 10+ full-stack features across ERP and e-commerce systems using React.js and Node.js, including database design, RESTful API endpoints, backend business logic, and frontend integration.
- Built and enhanced 5+ financial modules (Disbursements, Orders, Payments) with automated VAT, tax, and discount calculation logic, designed to improve data accuracy and reduce manual calculation errors.
- Improved UI/UX across multiple modules by delivering reusable dynamic components (data tables with pagination, multi-filter search, modal dialogs, form validation), streamlining workflows and reducing user task completion time.

## Academic Experience

**NU Connect: Optimizing Recognized Student Organization (RSO) Management Through Unified Digital System**

- Designed and developed Node.js RESTful API with MySQL database and React.js frontend, built to support 50+ concurrent student organization accounts, deployed in Docker containers.
- Implemented Microsoft Azure AD authentication and a Role-Based Access Control (RBAC), with database designed to manage 200+ organization records.

**NUD News: A Centralized News Blog for NU Dasmariñas**

- Integrated Google OAuth 2.0 authentication with session management, system designed to support 100+ registered user accounts.
- Designed relational database schema with 8 tables for users, posts, comments, and votes, with optimized indexes for nested comment threading supporting infinite depth.

**Insightify: Empowering Literacy and Comprehension by Simplifying Complex Texts with OCR and NLP Technologies**

- Integrated Gemini AI NLP API for processing scanned textbook pages, with OCR pipeline designed to handle pages with 300+ words per document and generate comprehension questions within 3-5 seconds per page.
- Contributed to end-to-end pipeline architecture from image upload to question generation, structured to reduce manual question-writing time by 2+ hours per chapter.

## Awards & Certificates

**Awards:** Dean's List Multiple Semesters (2023, 2024, 2025)

**Certificates:** IT Specialist - Databases, IT Specialist - Cybersecurity, PMI Project Management Ready, InnOlympics: GDSC PLM Hackathon 2025

**Publication:** Implementing the Random Forest Classifier for Plant Categorization in the Philippines' Bureau of Plant Industry

## Technical Skills

**Languages:** JavaScript, TypeScript, Python, SQL, Dart, PHP

**Frontend:** React.js, Next.js, HTML/CSS

**Backend:** Node.js, Laravel, Flutter

**Databases:** MySQL, PostgreSQL

**DevOps:** Docker, Git, Linux, CI/CD

**Cloud:** Microsoft Azure, Google Cloud Platform