

DANZEL M. FERNANDEZ

SOFTWARE DEVELOPER

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Pagsanjan, Laguna

PROFILE

Highly motivated and detail-oriented individual with a strong foundation in software development, system administration, and database management. Proficient in programming languages such as Python, JavaScript, and C#, with hands-on experience in developing web and mobile applications through academic projects.

EDUCATION

Laguna State Polytechnic University – Santa Cruz

*Bachelor of Science in Information Technology,
October 2021 – June 2025*

ACHIEVEMENTS

Award/Achievements

1st Place - Java Programming Competition, CCS Days, Laguna State Polytechnic University, 2023

Participant – UMAK IT Olympics, 2023

PORTFOLIO WEBSITE

<https://portfolio-website-rce730qbi-r3zes-projects.vercel.app/>

EXPERIENCE

Programmer (Intern)

Government Service Insurance System (GSIS), Laguna

February 2025 – June 2025

- Developed a monitoring system for the Special Business Unit (SBU) to track assured individuals who have renewed their insurance.
- Implemented features to categorize assureds into **renewed**, **early renewal**, and **for renewal notice** groups.
- Built an automated reminder functionality that generates **customized Word documents** for clients due for renewal.
- Integrated data visualization to track **Total Sum Insured (TSI)** and **Premiums** across different business lines and assured individuals.
- Improved operational efficiency by streamlining monitoring and reporting workflows through a user-friendly interface.

TECHNICAL SKILLS

- **Frontend Development:** Proficient in building responsive user interfaces using React, React Native, and JavaScript.
- **Backend Development:** Experienced in developing backend systems using Python (Flask) and integrating Backend-as-a-Service (BaaS) platforms like Appwrite.
- **Database Management:** Skilled in designing and managing relational databases such as MySQL
- **API Implementation:** Adept at creating and integrating RESTful APIs for seamless frontend-backend communication.
- **Version Control:** Proficient in using GitHub for version control and collaborative development.