Andrei Dominic De Jesus

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Summary

Software developer experienced in building government agency systems with C#, .NET, Blazor, and Entity Framework. Contributions include human resource management systems, integrated reporting, land mapping, and database query optimization.

Professional Experience

Assistant Junior Programmer — October 2023 - Present

NSPIRE Inc. — *Balanga City, Bataan*

- Contributed to rebuilding the Human Resource Management System (HRMS) from version 4 to version 5 using C# and .NET.
- Helped integrate DevExpress reporting into government systems, enabling users to generate and print reports directly within the applications.
- Contributed to a land-mapping feature in the Revenue Management System (RMS), replacing manual mapping steps with functionality within the application.
- Improved a slow report by revising its LINQ implementation to use deferred execution.
- Led a development team in implementing a system feature alongside ongoing programming responsibilities.
- Collaborated with QA and product management on feature development and releases for government applications, including HRMS and the Strategic Management Information System (SMIS).

Web Developer Intern — March 2023 - June 2023

Office of the Provincial Governor - Iskolar ng Bataan — *Balanga City, Bataan*

- Developed a grade validation system using PHP, CHKN Framework, JavaScript, and MySQL to automate scholarship data encoding and support staff review.
- Helped implement QR-code attendance tracking for scholarship program events; the delivered features were used by students and approximately 50 staff members.
- Added pagination to an API that fetched large datasets, improving response times.
- Normalized MySQL database tables and resolved application bugs supporting scholarship administration.

Education

Eastwoods Professional College of Science and Technology — 2019 - 2023

Bachelor of Science in Information Technology — *Balanga City, Bataan*

Technical Skills

Languages: C#, SQL, JavaScript, PHP, HTML/CSS

Frameworks and reporting: .NET, Blazor, Entity Framework, LINQ, DevExpress

Databases and tools: MySQL, PostgreSQL, Git, Bitbucket, Postman

Additional experience: React; token-based and cookie-based authentication