## **NICOLAS, JOHN ABIEL**

Game Developer

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#### Summary

Aspiring game developer with a solid knowledge of developing games through hands-on experience from academic and personal projects and internships. Proficient in implementing interactive game features, designing games, and programming AI behaviors, with an emphasis on debugging and performance optimization for fluid gameplay. Dedicated to continuous learning, improving problem-solving techniques, and adapting to new technologies. Thrives in cooperative environments through effective collaboration with teams to develop creative game concepts.

## **Key Achievements**

# YCS2 Semi-Finalist

## Showcase a Game in PGDX

\* 8 hours Game Jam

Joined the Young Creatives Season 2 in the game development category and enter in the top semi-finalist

Successfully bring a game to the national event of the game developers in the Philippines.

Participated in a campus game jam and successfully developed a game in 8 hours.

### Experience

#### Ryne Media Studio

Game Developer Intern 2025

- Successfully developed a game that will be showcased at PGDX 2025.
- · Worked as programmer and successfully implemented features such as a stats system, enemy AI, world obstacles, interactables, and game managers.

#### Game Development Commission

Game Programmer 2024 - 2025

- Collaborated with the other developers to build a 2D platform educational game built in Unity Engine.
- · Implemented the game main features such as player movement, environment interaction, mini-game and guiz activities.

#### Codyssey - 3D FPS Educational Game

Game Programmer 2024 - 2025

- A capstone project that features FPS mechanics while learning the C++ programming language.
- Contributed to development 70% of the game mechanics, which included player movement, level generation, enemy drone AI, lesson feature, quiz feature, and the sound system.

#### Web Development Commission

### Full-Stack Developer

2024

- Developed an educational website with user login, stored user progress, and a quiz system.
- $\bullet \ \ \mathsf{Utilizes} \ \mathsf{XAMPP}, \mathsf{HTML}, \mathsf{CSS}, \mathsf{JavaScript}, \mathsf{PHP}, \mathsf{and} \ \mathsf{MySQL}.$

### **Developed Game Prototypes**

### Game Developer

2023 - 2025

- Developed over 10 small game prototypes in both 2D and 3D, improving skills in rapid iteration.
- Implemented a wide range of core game systems, including player movement (platformer, top-down, FPS), level design, AI behaviors, dialogue trees, inventory and save systems, event-driven architecture, Scriptable Object patterns, and audio management in the Unity engine.

## 8hours Game Jam

Game Developer 2024

• Designed and built a stealth prototype within 8 hours for a game jam, focusing on line-of-sight AI and dynamic lighting.

#### Education

### Bicol State College of Applied Sciences and Technology

Peñafrancia, Naga City

## Bachelor of Science in Entertainment and Multimedia Computing Major in Game Development

2021 - 2025

· Academic Awardee

# Camarines Sur National High School

Peñafrancia, Naga City

Computer Programming

2019 - 2021

• Honor Award Recipient

### Skills

Game Development: Unity Engine · Visual Studio · C# · C++

Asset Creation Tools: Adobe Photoshop · Auto Desk Maya · Blender · Adobe Substance Painter

Version Control: Git · GitHub

Web Development: HTML · CSS / TailWind · JavaScript · PHP