Zyrex Djewel Ganit

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WEBSITE/PORTFOLIO, PROFILE

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PERSONAL SUMMARY

BS Computer Science graduate from UP Visayas (Class of 2025) with experience in system development for web and mobile. Skilled in React, Next.js, Node.js, Firebase, and containerized deployments. Passionate about building community-driven, user-focused systems that solve real-world challenges.

SKILLS

- **Languages:** C#, TypeScript, Java, Python, C
- **Frameworks & Tech Stacks:** Next.js, Express.js, Node.js, Flutter, Unity 3D, .NET Core (Blazor)
- **Tools & Platforms:** Git & GitHub, Docker, Google Cloud Platform, Linux (Ubuntu), Firebase, Postman
- **Other Skills:** MySQL, HTML, CSS (Bootstrap & Tailwind), RESTful APIs, Responsive Design, UI/UX Prototyping (Figma), Agile Development, 3D Modeling (Blender)

RELEVANT PROJECTS & EXPERIENCE

Software Development Intern – Prometheus PH Iloilo City, Philippines

July 2024 – August 2024

- Built web applications using **Next.js** and performed manual testing for an ERP system.
- Integrated **Google Analytics** and a **CMS** to improve monitoring and content workflows.

Student Researcher and Full Stack Developer – Special Problem (Capstone Project)

August 2024 – June 2025

- Developed an MVP **blockchain-driven tuna supply chain web app** using Hyperledger Fabric, Docker, GCP, Next.js, and Node.js with Express.js.

Front-End Web Developer – Software Engineering I & II Course

August 2023 – May 2024

- Developed the front-end of a commute app using **React, Tailwind, and Node.js** as part of a team project.

Mobile App Developer – Mobile Application Development Course

May 2024

- Collaboratively developed a **dog calorie tracker app** using **Dart, Flutter, and Firebase**.

3D Game Developer – Special Topic (3D Game Development)

April 2025 – May 2025

- Created a **3D parkour game** with single-player and two-player modes and three game maps using **Unity 6**.

Hackathon & Innovation Challenges

- **KomsaiHack 2024:** Designed an e-commerce prototype for local farmers using Figma.
- **Blue Nations Innovation Challenge 2024:** Contributed to ideation, proposal writing, and workshops.

INTERESTS & AFFILIATIONS

Member, UPV Komsai.org | UPV Validus Amicitia | UP Data Science Society

Committee Member, Philippine Junior Data Science Challenge 2024

Interests: Technologies for social impact, scientific innovation, sustainability, and world cultures