

Bernard Jezua Tandang

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Experience

Software Engineer Intern

June 2025 - Aug. 2025

UPOU ICT Development Office

- Improved code organization and scalability through **SCSS migration** and the development of reusable components using **React** and **Ant Design**.

Education

University of the Philippines Los Baños

Aug. 2021 - Present

Bachelor of Science in Computer Science

Awards

1st Runner Up, 42nd CS Week WarFrames Web Design Competition

Feb. 2026

- Led a 3-person team and developed **Alerto.ai**, a flood intelligence web app prototype. Features include a **3D flood visualization map**, an **AI-powered chatbot** interface, and **text notifications**.

Projects

PIVOT-PROFS: Profile & Records Organization for Faculty Service

June 2025 - Aug. 2025

- Conducted a **system requirements gathering** and developed web components from **Figma to React**.
- Developed **profile management** and **faculty portfolio** modules using **Axios**, **Laravel**, and **Lumen**.

CosMarket: Buy, Sell, and Rent Cosplays

Mar. 2025 - May 2025

- Defined **IA**, **user persona**, and **journey map** from analyzing posts in **local cosplay markets**.
- Conducted a **moderated usability study** of 10 testers, where **80% agreed** that the design was **intuitive**.

ICS-ASTRA: Alumni Synced Tracker for Relations and Advancement

Feb. 2025 - May 2025

- Transformed **Figma prototypes** into web components using **Next.js** and **Tailwind CSS**.
- Developed and **tested frontend modules** for the **profile management** and **registration** functionalities.

Traveler: A Genshin-Inspired Slam Book Mobile Application

June 2024 - July 2024

- Implemented **UI screens**, **routes**, and **CRUD** functionalities using **Dart**, **Flutter**, and **Google Firebase**.
- Developed a custom interface with **color palettes** and **styling** to resonate with **Genshin Impact**.

FoodUP: Food and Restaurant Review Application

Feb. 2024 - June 2024

- Integrated **Python** using **MariaDB** via **SQL queries** for filtering and validating **CRUD** functionalities.
- Created page designs from **Figma to Tkinter** and **debugged data inaccuracy issues** in the interface.

Certifications

Meta Front-End Developer Specialization (Meta)

February 2026

Microsoft UX Design Professional Certificate (Microsoft)

November 2025

Google UX Design Professional Certificate (Google)

May 2025

IBM Web Development Fundamentals (IBM)

May 2025

Software Engineer Intern (HackerRank)

April 2025

Skills and Characteristics

Programming & Backend: Python, C, Dart, Java, PHP, JavaScript, R, SQL, Laravel, Lumen

Frontend & Web Dev: Git, GitHub, React.js, HTML, CSS, Next.js, Tailwind CSS, Sass, Ant Design, Axios

Tools & Databases: Figma, Flutter, Redux, Auth0, MySQL, MariaDB, MongoDB, Google Firebase

Soft Skills: Adaptable, Self-management, Proactive, Teamwork, Professional, Active Listener