Bernard Jezua Tandang

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Experience

Software Engineer Intern *June 2025 - Aug. 2025*
UPOU ICT Development Office

- Developed and integrated frontend components for a record system using **React**, **Ant Design**, and **Sass**.
- Collaborated with backend developers to implement secure **authentication** and **API communication**.

Education

University of the Philippines Los Baños *Aug. 2021 – July 2026*
Bachelor of Science in Computer Science

- **Coursework:** Human-Computer Interaction, UI/UX Design, Web and Mobile Development, Databases
- **Scholarship:** DOST-SEI Undergraduate Scholar
- **Organization:** Alliance of Computer Science Students - UPLB

Projects

ElbiMart: Quick Grocery List and Cart *Oct. 2025 - Nov. 2025*

- Designed a **Figma prototype** after conducting **door-to-door interviews** on local market accessibility.
- Optimized checkout with **QR code payments** for a **quick, contactless checkout** experience.

Payonnect: Smart Umbrella Sharing System *Oct. 2025*

- Simulated the **user workflow** for borrowing and returning an umbrella using QR codes.
- Implemented **typography**, **color palette**, and **UI screens** for tracking rentals, payments, and updates.

PIVOT-PROFS: Profile & Records Organization for Faculty Service *June 2025 - Aug. 2025*

- Engineered **20 modal components** using **Figma** and **React** for front-end design and integration.
- Optimized **Axios requests** and **Redux slices** for **faster data retrieval** and system security.

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**.

FastSnap: Quick Mobile Video Editor *Mar. 2024 - May 2024*

- Developed **3 user personas** from **10 interviews** for media editing **design decisions** and **storyboard**.
- Implemented **Wizard of Oz** and **5-point Likert scale** usability testing using **between-subjects design**.
- **Mann-Whitney U Test** results showed that FastSnap's usability is **similar** to an existing mobile editor.

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
Databases: MySQL, MariaDB, MongoDB, Google Firebase
Design: Figma, Adobe Lightroom, Adobe Photoshop, Adobe Stock, Canva
Soft Skills: Adaptable, Self-management, Proactive, Teamwork, Communication, Active Listener

Certifications

[Microsoft UX Design Specialization ↗](#) (*Microsoft*) November 2025
[Google UX Design Specialization ↗](#) (*Google*) May 2025
[Software Engineer Intern ↗](#) (*HackerRank*) April 2025