

# Bernard Jezua Tandang

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## Summary

I am a UX Designer and aspiring web developer with a foundation in frontend development and a passion for creating intuitive, user-centered digital experiences. Proficient in technologies including Figma, React, and JavaScript. Completed the Google and Microsoft UX Design specializations and eager to apply both technical and design skills to build user-friendly solutions and gain practical experience in the industry. Actively seeking opportunities in UX design and frontend development to support my financial state while continuing to develop my professional skills.

## 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 – present  
*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

- PIVOT-PROFS: Profile & Records Organization for Faculty Service** June 2025 - Aug. 2025
- Developed a variety of modal components for the system, ensuring smooth navigation and error handling across the user interface.
  - Integrated frontend with backend services using Axios for efficient HTTP requests and managed application state through Redux to ensure scalability and maintainability.
  - Tools Used: React, Ant Design, Sass, PHP, Laravel, Lumen, MySQL, Axios, Redux

- CosMarket: Buy, Sell, and Rent Cosplays** Mar. 2025 - May 2025
- Designed and developed a high-fidelity prototype using Figma and Material Design principles.
  - Conducted user testing and feedback, where participants highlighted the app's enjoyable user experience.
  - Tools Used: Figma, Adobe Photoshop

- ICS-ASTRA: Alumni Synced Tracker for Relations and Advancement** Feb. 2025 - May 2025
- Created profile management and user registration components.
  - Enhanced multiple pages and modals to improve user experience and maintain consistency.
  - Tools Used: Next.js, Tailwind CSS, JavaScript, Figma

- Traveler: A Genshin-Inspired Slam Book Mobile Application** June 2024 - July 2024
- Implemented all UI screens, routes, and CRUD functionalities using Dart, Flutter, and Google Firebase.
  - Developed a custom interface with color palettes, typography, and styling to resonate with Genshin Impact.
  - Tools Used: Dart, Flutter, Android Studio, Google Firebase

- FastSnap: Quick Mobile Video Editor** Mar. 2024 - May 2024
- Designed a prototype to navigate through features such as video trimming, adding music, and saving files.
  - Interviewed potential users and created personas to create intuitive and user-friendly design decisions.

- Tools Used: Figma

### **FoodUP: Food and Restaurant Review Application**

Feb. 2024 - June 2024

- Retrieved data from the MariaDB backend and used SQL queries to filter based on food type, price, and rating and to ensure the CRUD functionalities are working.
- Transformed several pages from Figma to Tkinter and debugged data inaccuracy issues in the interface.
- Tools Used: Python, Tkinter, SQL, MariaDB, Figma

## **Skills and Characteristics**

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**Programming Languages:** Python, C, Dart, Java, JavaScript, R, SQL, PHP

**Mobile Technologies:** Flutter, Android Studio

**Web Technologies:** Git, GitHub, React.js, Express.js, Node.js, HTML, CSS, Next.js, Tailwind CSS, Axios, Redux, Sass, Ant Design

**Database Technologies:** MariaDB, MongoDB, Google Firebase, MySQL, Laravel, Lumen

**Design:** Figma, Canva, Adobe Photoshop

**Characteristics:** Professionalism, Self-management, Adaptable, Eager to Learn, Flexible, Active Listener

## **Certifications**

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**Microsoft UX Design Specialization** 

November 2025

*Microsoft*

**Google UX Design Specialization** 

May 2025

*Google*

**Software Engineer Intern** 

April 2025

*HackerRank*

**React Frontend Developer** 

April 2025

*HackerRank*

**Google Agile Essentials** 

March 2025

*Google*

## **Research Publications**

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1. Evangelista, B. A., Reyes, E. L., & Tandang, B. J. (2024, December 16). *Reality Check: A Comprehensive Review of AI-Generated Media and Detection Methods*. Available at SSRN: <https://ssrn.com/abstract=5059062> or <http://dx.doi.org/10.2139/ssrn.5059062>.
2. Vispo, R., Peña, J. R., & Tandang, B. J. (2024, January 3). *Exploring the Newest Data Visualization Tools Across Diverse Fields: A Comprehensive Review*. Available at SSRN: <https://ssrn.com/abstract=5059095> or <http://dx.doi.org/10.2139/ssrn.5059095>.