Trisan Jae B. Españo

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Aspiring IT professional with strong skills in web development, UI/UX design, and system integration. Experienced in full-stack development, API integration, and project deployment. Completed a 400-hour internship with hands-on involvement in real-world design and development projects for recruitment platforms and corporate websites. Seeking opportunities to contribute to impactful technology solutions.

Education

Cebu Institute of Technology – University   **Cebu City**
Bachelor of Science in Information Technology
Graduated: May 16, 2025

Internship Experience

UI/UX Design Intern
Pixel8 Web Solutions and Consultancy Inc. | *Remote*
January – April 2025 | 400 Hours

- Created responsive web designs and user flows for 6 corporate and recruitment platforms using **Figma** and **Google Sites**, contributing to improved navigation and visual consistency.
- Delivered 8-point grid-aligned layouts and reusable components, cutting design iteration time by 30%.
- Participated in daily virtual meetings for feedback and sprint reviews, ensuring alignment with client goals and design standards.
- Designed mockups and systems that streamlined onboarding, job scheduling, and kiosk payments.

Key Projects:

- **Interview Scheduling (Recruitment Platform 1)** – Figma
- **ProRecognition (German-Filipino Recruitment Counseling)** – Google Sites
- **Realty Website Design: Tahao Road Business Centers & Condominium** – Figma
- **Landing Page Design System** – Figma
- **Interview Scheduling & Onboarding (Recruitment Platform 2)** – Figma
- **EPS Kiosk Payment Method Design** – Figma

Academic Projects

SocialSphere
AI-Powered Social Media Management Suite for Wildcats Innovation Labs at CIT-University | Developed with Django, HTML, CSS, JavaScript, and PostgreSQL | Self-Deployed on Render
- Designed, developed, and deployed an AI-driven platform to automate social media management, reducing manual posting time by 60% based on user tests over a two-month period with 10 respondents.
- Built full CRUD functionality for posts, enabling users to create, edit, and manage content efficiently.
- Integrated Facebook Graph API for automated posting, streamlining social media operations and saving users significant manual posting time.
- Employed Groq's llama-3.2-11b-vision-preview model for AI-driven captions and image descriptions, reducing content creation time by 40%.
- Optimized performance by migrating from PythonAnywhere to Render, achieving a 30% faster response time for a smoother user experience.

ProDigi
Task and Diary Management Application | Developed with Django, HTML, CSS | Self-Deployed on PythonAnywhere
- Designed, developed, and deployed a web application to manage daily tasks and personal diary entries, aimed at improving user productivity and organization.
- Implemented full CRUD functionality for both diary and task entries, giving users complete control over content management.
- Enhanced task management with features for marking tasks as complete/incomplete and categorizing by type (school, work, personal), leading to a 60% improvement in task monitoring efficiency as reported by 12 test users.

- Improved task retrieval time by 20% through task search functionality and sorting by status and category.
- Integrated LanguageTool API for diary entries, reducing grammatical errors in user-generated content by 30%, based on feedback from 12 test users over a two-week trial period.

Reflect Daily

Task Management Application | Developed with React and Java Spring Boot

- Contributed 50% of the project by developing RESTful APIs with Spring Boot, creating entities, controllers, services, and utilizing repositories to handle CRUD operations.
- Connected APIs to the React front-end using Axios, enabling seamless integration and real-time updates for task management and merged all project components to create a cohesive application.
- Conducted user testing with six users over two weeks, achieving a 30% improvement in task tracking efficiency due to intuitive UI and effective CRUD functionality.
- Enhanced performance by optimizing API response times, minimizing redundant API calls, and reducing front-end load times.

Skills

Technical Skills:

- **Programming Languages**: Python, Java
- **Web Development & Technologies**: Django, React, Spring Boot, Flask, HTML, CSS, JavaScript, PythonAnywhere, Render, Railway,
- **Database Management**: MySQL, PostgreSQL, SQLite
- **Version Control**: Git, GitHub
- **Productivity & Design Tools**: Office 365 (Word, Excel, PowerPoint, Outlook), Figma (Web Design)

Soft Skills:

- Strong problem-solving abilities
- Effective communication
- Team collaboration
- Time management
- Adaptability to new technologies
- Analytical thinking