

JACOB BALANE

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TECHNICAL SKILLS

Programming Languages: C (advanced), JavaScript (advanced), Python (intermediate), Java (intermediate)
Web Development: HTML5, CSS3, Sass, JavaScript, ReactJS, NextJS, TypeScript, Bootstrap, Tailwind CSS, RESTful APIs, PHP, Laravel
Databases and Tools: MySQL, Git

EDUCATION

University of San Carlos - Talamban Campus

2019 - Present

Bachelor of Science in Computer Science

(Note: No more classes to attend, Waiting for Graduation)

Department of Science and Technology Scholar

INTERNSHIP EXPERIENCE

Software Developer Intern, Symph

October 2022 - July 2023

- Implemented new features and functionalities for a web application that serves as a vital bridge, connecting young women and men with educational opportunities through showcasing their athletic talent.
- Collaborated with UX, developers, and project manager to determine project requirements.
- Used: NextJS, Typescript, Tailwind, Firebase

PROJECTS

BloodPlus

- Developed a web application that connects blood donors with those in need, enabling swift and life-saving exchanges.
- Coordinated with blood banks to ensure compliance with the requirements for donating or accessing blood supplies.
- Oversaw the frontend development efforts.
- Used: Laravel, MySQL

GEMS

- Engineered an innovative attendance checker seamlessly integrated with an employee roster, providing efficient tracking of workforce presence while simultaneously serving as a comprehensive personnel management tool.
- Directed the frontend development process.
- Used: ReactJS, Bootstrap, Laravel, MySQL

Tick

- Developed a web application merging to-do lists with gamification, enabling users to earn points for completing tasks and redeem them for theme shop customization.
- Spearheaded the design and development of the frontend.
- Used: Bootstrap, PHP, Laravel, MySQL

Simpson's Rule Calculator

- Led the development of a Simpson's Rule calculator, streamlining calculations for faster and easier solutions, providing essential steps for problem-solving.
- Used: ReactJS, TypeScript, Tailwind, Vercel

TaskVenator

- Implemented new frontend design, features, and functionalities on a dynamic gamified productivity application.
- Used: ReactJS, Bootstrap, Laravel, MySQL

Personal Portfolio Website

- Designed and developed a personal portfolio website to showcase my skills, projects, and experience as a software developer.
- Focused on creating a clean, responsive design that highlights my expertise in web application development.
- Access my portfolio website at jacobbalane.com. Version 2 is currently in development at beta.jacobbalane.com
- Used: TypeScript, Tailwind, ReactJS, NextJS (Version 2)

CERTIFICATIONS

- Computer System Servicing NCII Certification

January 2019