KARL MICHAEL V. CRISOSTOMO

karlcrisostomo.dev@gmail.com • (639) – 283180290 • 205, Navaluan, Mangaldan Pangasinan

EDUCATION

PHINMA – University of Pangasinan Graduation Date: October 2023
Arellano St. Dagupan City, Pangasinan
BS – Computer Engineering

EXPERIENCE

Frontend Developer Intern April 21 – May 27, 2023
Pixel8 Web Solutions & Consultancy Inc.

- Utilized front-end development tools including Git, Npm, Vue.js, Quasar, and Axios.
- Collaborated closely with the front-end development team to create responsive websites using Vue.js and develop mobile applications using Quasar.

PROJECTS

BOOKFINDR Live Demo GitHub Repository

- Developed a library website utilizing the Google Books API, offering a comprehensive collection of books and articles across various genres. Implemented search functionalities and user-friendly navigation for efficient information retrieval.
- Built with Next.js and Axios for data fetching.

PIXELHAVEN Live Demo GitHub Repository

- Built a free stock image website inspired by Pexels and Unsplash. Integrated the Pexels API to enable users to search and download high-quality photos and videos through various filters and categories.
- Built with Next.js and Axios for Data fetching

PORTFOLIO – 01 | KARL CRISOSTOMO PORTFOLIO Live Demo GitHub Repository

- Designed and developed a personal portfolio website showcasing my skills and projects. Implemented interactive elements and a visually striking layout inspired by Awwwards' best design trends.
- Built with Next.js and Framer-Motion

REYNALD DION PORTFOLIO Live Demo GitHub Repository

- Developed a portfolio website for a friend as part of a project-based learning experience.
- Built with React.js and Tailwind CSS.

NOTES WEBSITE Live Demo GitHub Repository

- Developed a CRUD website as project-based learning, managing Notes and utilizing local storage for data persistence.
- Built with Next.js and Tailwind CSS.

FIREFIGHTING HEXACOPTER DRONE | PROTOTYPE

- A hardware prototype thesis project for firefighting operations, designed to deploy fire extinguisher balls weighing about 1 kg, this prototype was awarded as the best thesis.
- Developed using C++ on Arduino, with DJI as the flight controller.

AUTOMATED HYDROPONICS NUTRIENT SOLUTION CONTROL GitHub Repository

- A hardware prototype thesis project of a fellow classmate, on which I assisted with programming and sensor calibration.
- Focused on developing a data logging system to record the time and date of plant watering.
- I also implemented an Internet of Things (IoT) system to monitor the plant's pH level, water level, and total dissolved solids (TDS) remotely via smartphones or other devices.
- Developed using C++ and the Blynk library for Arduino, enabling Internet of Things (IoT) functionality.

TECHNICAL SKILLS

- **Languages:** C++, Python, JavaScript, HTML/CSS
- **Technologies:** Vue.js, React.js, Next.js, Git, Framer Motion