Ivanne Dave Legaspino Bayer

⊙ Cebu, City Philippines ✉ ivannebayer@gmail.com ▯ (+63)945-599-6355 ⍟ github.com/h4wks123 in in/ivanne-bayer-a23b30302

Experience

Softwarez, at its Best | Front-end Engineer | September 2024 - February 2025

- Developed multiple responsive landing pages with Gatsby/Material UI for React and Blazor/MudBlazor for .NET projects.
- Contributed front-end fixes and enhancements to deployed websites, primarily Crashr from the Github board.
- Authored an 80-page documentation using Typst to outline front-end standards and streamline the onboarding process for new developers.
- Built custom components, including a carousel and animated UI elements, implemented theming, and added dark/light mode.
- Enhanced website performance, accessibility, and SEO by implementing improvements identified through Google Lighthouse audits.
- Gained hands-on experience creating transactions on the Cardano blockchain.

Projects

Image Classification of Venomous and Non-Venomous Snakes in the Philippines with Ensembled Transfer Learning

- Scraped 50,000 links and 5,000 images from the Philippine Snake ID Facebook Group using Selenium as inputs for training the models.
- Performed exploratory data analysis, partially pre-processed the images, and used pre-trained models (ResNet50, VGG16, and DenseNet201) to classify venomous and non-venomous snakes.
- **Tech Stack:** Python, Jupyter Notebook

Teyvat Compendium: Genshin Character Data Vault

- Fetched and integrated data from an open-source API for the popular gacha game Genshin Impact to display assets within the application.
- Developed interactive dashboards with character stats and data visualizations, enhancing user engagement and gameplay insights.
- Implemented Firebase authentication, allowing Google and phone logins for users to manage their favorite characters.
- **Tech Stack:** Dart, Flutter, Firebase

Arty Mart: DevianArt Inspired Platform for Selling Artworks Online

- Developed UI components featuring image masonry layouts, interactive elements, and animations to create a DeviantArt-like user experience.
- Implemented image storage functionality using Cloudinary, facilitating efficient and secure online storage of artworks.
- Designed and implemented GraphQL resolvers, models, and types to integrate the MongoDB backend
- **Tech Stack:** React, Vite, NodeJS, Tailwind, MongoDB, Graph QL, Cloudinary

Education

Bachelor of Science in Computer Science | University of San Carlos | 2025 | GWA: 1.6

- Consistent Deans Lister | 2021 - 2023

Certifications

- Cyber Threat Management | Cisco Networking Academy | November 2024
- CCNAv7: Switching, Routing, and Wireless Essentials | Cisco Networking Academy | December 2023

Skills

- **Languages, Tools, and Platforms:** JavaScript, Typscript, Python, C, Dart, SQL, Git, Github, Tpyst, Figma, XAMPP, GraphQL, Ubuntu
- **Frontend and UI Development:** HTML, CSS, React, Gatsby, Blazor, Flutter, Tailwind CSS, Bootstrap, Material UI, MudBlazor, NextJS
- **Backend Development and Databases:** NodeJS, Express, Drizzle, MySQL, Turso, Firebase