

John Paul P. Viado

Software Developer

[in LinkedIn](#) | [+63 \(951\) 698 5636](#) | [codysey.com](#) | [johnpaulviado20@gmail.com](#) | [GitHub](#)

EDUCATION

BS Computer Science

- Polytechnic University of the Philippines - *Second-Year Student*

October 2022 - Current

High School Diploma

- Holy Spirit National High School - *High Honors*

July 2015 - April 2022

PROJECTS

Shopping Cart

- *Interactive Shopping Experience*

- Implemented a dynamic shopping cart application using React and TypeScript, enabling users to browse products and manage their carts.
- Utilized React Router for seamless client-side navigation and developed custom hooks to encapsulate reusable logic.
- Managed data fetching and error handling to ensure reliable application performance and styled the application with Tailwind CSS for a responsive and visually appealing design.

Pixel Quest

- *2D platformer game in Python using pygame*

- Implemented player movement, animation, and physics using built-in functions and classes.
- Created challenging levels with obstacles, enemies, and collectibles by utilizing Pygame's sprite and collision detection capabilities.
- Designed and Implemented a user-friendly interface and menu system using Pygame's graphics and event-handling capabilities.
- Integrated audio effects and background music using Pygame's sound and music functions.

Open Weather

- *Real-time weather insights*

- Delivered real-time, location-specific weather information to users worldwide through a user-centric web application.
- Created a seamless integration with WeatherAPI to ensure accurate and reliable weather data, and harnessed the power of GiphyAPI to provide ever-changing weather-inspired GIFs.
- The application provides users with comprehensive information on weather conditions including temperature, humidity, wind speed, and atmospheric outlook, complemented by dynamic GIFs that reflect the current weather mood.

Spice Avenue

- *Coffee-themed website checkout page*

- Developed a captivating restaurant website, skillfully harmonizing culinary charm with the module bundling capabilities of Webpack.
- Utilized JavaScript to meticulously construct distinct sections: a welcoming home, a mouthwatering menu, and a streamlined avenue for communication.
- Optimized for both desktop and mobile devices providing a seamless user experience

SKILLS

Languages/Frameworks: Javascript, Typescript, React, HTML. CSS. SASS, Tailwind, ChakraUI, Node, Express, MYSQL, PostgreSQL, Next.js, C, C#, Java, Python

Tools: Git, Github, Prettier, ESLint, Webpack, Jest, Postman, Vite, Webpack

EXTRACURRICULAR ACTIVITIES

PUP The Programmers Guild (PUP TPG)

- *Frontend Development Contributor*

- Contributed to developing the frontend components for the official website of the Programmers Guild, enhancing user experience and engagement.
- Collaborated with the team to implement user-friendly interfaces, ensuring responsive design and seamless navigation

PUP Association of Students for Computer Intelligence Integration (PUP ASCII)

- *Subcommittee member for Research & Extension*

- Contributed to developing programming-related events and captions for the club and gave quick, simple, and bite-size programming tips and tricks through the official Facebook page of ASCII as a long-term event.