

Russel Kurt G. Nolasco

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SUMMARY

As a fresh graduate seeking entry-level opportunities, I bring a deep passion for programming and a commitment to adapting to new technologies. With a disciplined approach, I consistently deliver high-quality results on time. I am dedicated to continuous learning and growth in the tech field.

EXPERIENCE

Spiralytics Inc | Full Stack Web Development Intern | Jan 2024 – May 2024

- Assigned in client-side development tasks, including website enhancements and optimizations, utilizing WordPress, Elementor, and did some changes using Divi Builder. Also, worked on WooCommerce and implement a tiered pricing rule and created a page that were password protected.
- Implementing Google Analytics conversion tracking and setup goals through google tag manager on client websites, providing valuable insights and data-driven recommendations for enhancing online performance and user engagement.
- Creating an email marketing campaigns using tools like Mailchimp.

PROJECTS

Future Vault (Capstone 1) | Enrollment Prediction using SARIMAX | [Source](#)

- Developed a desktop application using Python and Tkinter for predicting student enrollment based on historical data. Utilized data analysis libraries such as NumPy, Pandas, and SARIMAX for time series forecasting. The application features a user-friendly interface and enables users to upload enrollment data, perform predictions, and visualize results using Matplotlib.
- Successfully created a practical tool for NU Laguna or other educational institutions to make data driven enrollment decisions, showcasing proficiency in data analysis, time series forecasting, and desktop application development.

NUQueue (Capstone 2) | NU Laguna Queuing Management System | [Source](#)

- Developed a queue management system for NU Laguna campus to improve the queuing process for various offices, including admission, registrar, and accounting. The system generates unique queue numbers for both existing students and incoming guests, reducing wait times and enhancing overall office efficiency.
- Implemented a solution that improved the campus's administrative efficiency and enhanced the experience of students and visitors. This project demonstrates proficiency in software development and problem-solving for educational institutions.

InstantMERN Noodles | MERN Stack E-commerce | [Source](#) | [Video Demo](#)

- Employed Axios for efficient handling of HTTP requests, ensuring seamless communication between the frontend and backend. Created an API endpoint in the backend of the application to enable communication between the frontend and server, allowing them to exchange data seamlessly. Ensured secure authentication using jsonwebtoken for JSON Web Token implementation, enhancing the platform's overall security. Also, implemented bcrypt to securely hash passwords, safeguarding user credentials stored in the system.
- The e-commerce platform showcases proficiency in both frontend and backend technologies, providing a seamless and secure online shopping experience. The use of modern libraries and frameworks demonstrates a commitment to efficiency, scalability, and user-centric design in the realm of e-commerce development.

Zoomy | Next JS, Tailwind CSS | [Source](#) | [Video Demo](#) | [Live](#)

- Developed Zoomy, a web application facilitating video conferencing similar to Zoom, Google Meet, and Microsoft Teams. Leveraged Next.js for efficient server-side rendering and data fetching, ensuring a smooth user experience. Utilized Tailwind CSS to create a modern, responsive, and visually appealing user interface. Zoomy empowers users to host and join meetings, fostering seamless collaboration and communication.

BookSwift | Book Management System | [Source](#)

- Developed a web application for book management that allows users to create, read, update, and delete books. Built with Next.js for the frontend, utilized Tailwind CSS for responsive UI design, and employed JSON-Server as the backend database to store book data.
- Created an efficient and user-friendly system for managing books, gaining hands-on experience with modern web development technologies, and demonstrating proficiency in frontend and backend development.

Blogr | Frontend Mentor Challenge | [Source](#) | [Live](#)

- Designed and developed a responsive and interactive blog website based on the Frontend Mentor challenge using Next.js, Tailwind CSS, and TypeScript. Implemented dynamic content rendering, smooth animations, and a user-friendly UI.
- Successfully completed the Frontend Mentor challenge, showcasing proficiency in front-end web development, responsive design, and modern web technologies.

Navigation | Frontend Mentor Challenge | [Source](#) | [Live](#)

- Crafted an intuitive navigation platform, demonstrating skills in frontend development and user interface design.

CarsAPI | Using Rapid API | [Source](#) | [Live](#)

- Developed and deployed an interactive website for exploring car-related data, showcasing proficiency in web development and API integration.

EDUCATION

NU Laguna | Bachelor of Science in Information Technology | Calamba Laguna, PH

2020-2024

- First and Second Honor for different academic terms.

CERTIFICATIONS

Introduction to Javascript | Sololearn | 2023

JavaScript Intermediate | Sololearn | 2023

Responsive Web Design | FreeCodeCamp | 2023

JavaScript Algorithms and Data Structures | FreeCodeCamp | 2023

Front End Development Libraries | FreeCodeCamp | 2023

React – The Complete Guide 2024 (incl. React Router & Redux) | Udemy | 2024

SKILLS & OTHERS

Languages: Javascript (ES5/ES6), TypeScript, PHP, Python, Java, C#

Frontend: HTML5, CSS3, React, Angular, NEXT, jQuery, Typescript, Bootstrap, Tailwind, DaisyUI

Backend: Node.js, Express.js, .NET

Databases: MySQL, MongoDB, Firebase

Deployment: Docker, Vercel, Github Pages

CMS: Wordpress, Elementor (plugin)

Version Control: Git, Github

Design: Figma, Canva

Methodologies/Project Management: Agile Methodologies

Others: REST API, Database Design, Ajax, OOP, Postman, Swagger, Google Analytics Conversion Tracking