

Francis Beam Santander

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<https://fransbeam-portfolio.vercel.app/>

SUMMARY

A Full-Stack Software Engineer and UI/UX Designer with expertise in React, TypeScript and Laravel. Skilled in architecting and developing user-centric, scalable and database-driven applications that facilitate cutting-edge engineering solutions. Committed to building internal and business processes by designing systems that adhere to business rules, enhancing decision-making for large-scale clients.

SKILLS

Frontend Development: React JS, JavaScript, TypeScript, Tailwind CSS, TanStack Query, Redux Toolkit, Zustand

Backend Development: PHP, Laravel, MySQL, Laragon

Tools & Others: Git, Postman, Figma, Cypress, Docker, Wordpress, Salesforce, Zuora

WORK EXPERIENCE

ViewQwest

Oct 2023 – present

Junior Software Engineer

- Collaborated closely with team and BA's to create accessible standard features that aligned, develop and best practices.
- Developed a scalable web application using React and Laravel, applying S.O.L.I.D principles to enhance code readability, maintainability and reusable function.
- Optimization and maintained, integration and load test to ensure reliability and performance using Cypress and Laravel telescope.
- Code & design for new development project and existing by improving and optimizing the UI components for better performance and user experience.
- Improved backend efficiency through query optimization, reducing load times and increasing scalability.

PROJECTS

Customer Signup Portal Malaysia

ViewQwest

- Developed on React.js, Tailwind CSS and DaisyUI.
- Designed the UI/UX from scratch for whole user journey.
- Integrated Zuora for payment processing, including implementation of payment summaries via API.
- Implemented automated testing using Cypress, enabling scripted test scenarios.

Inventory Management System

ViewQwest

- Developed on React.js, Tailwind CSS, Mantine UI, Axios, TanStack Query, AG Grid Table, and Redux Toolkit.
- Built a role-based SaaS application for managing, tracking, and provisioning hardware inventory, enhancing operational efficiency and asset visibility.
- Built an API endpoint in Laravel for self-scheduling feature on the Customer Portal.
- Designed and implemented an Inventory Withdrawal feature using Laravel Jobs/Queue.

Lava Cube (Radius Server)

ViewQwest

- Built a dashboard application using Laravel to track and monitor network bandwidth for NOC Engineers.
- Integrated SSO authentication with Azure, utilizing JWT (Tyton JWT) for secure token handling.

EDUCATION

Bachelor of Science in Information Technology (BSIT)

2019 – 2023 | Bulacan

Bulacan State University - Sarmiento Campus (College)