

# Jean Bernard Sin Fat

FULL STACK DEVELOPER

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Full Stack Developer with 2 years of experience specialising in the Laravel ecosystem. I am driven to learn new technologies and languages, ensuring I stay at the forefront of the industry. For me, CI/CD stands for Continuous Improvement / Continuous Development—both professionally and personally.

## Programming Skills

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**Languages:** PHP, JavaScript & TypeScript.

**Frameworks:** Laravel, Vue, Quasar, ExpressJS, NodeJS, Sequelize, Pinia & Playwright.

**Databases:** MySQL & MongoDB.

**Technologies:** Git & RESTful API

## Experience

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### Nano Solutions

Perth, Australia

#### FULL-STACK DEVELOPER | July 2023 - Present

- Design Database Models using Laravel's ORM to interact with the database, ensuring data integrity.
- Implement API routing and endpoints in Laravel to create secure and scalable RESTful APIs, facilitating seamless communication between the frontend and backend systems.
- Leverage Laravel's Eloquent relationships and Eloquent queries to enhance data retrieval and manipulation, resulting in improved application speed.
- Develop responsive UI and interactive web components using Vue.js framework with Quasar and Pinia.
- Conduct thorough application and browser testing with Laravel dusk and phpunit, identifying and resolving bugs and issues to ensure high-quality, reliable software.
- Manage version control using Git, including branching, merging, and resolving conflicts, ensuring code integration within the team.
- Develop and implement backend controllers, requests and resources in Laravel to ensure secure, efficient, and structured communication with the frontend using Vue.js, Quasar, and Axios.

#### WEB DEVELOPER | November 2022 – June 2023

- Improved feature and browser tests bringing coverage up to 85%.
- Assisted senior team members by applying repeatable feature implementation templates to additional tasks, enabling them to focus on more complex projects while enhancing my own development skills.
- Identified and resolved bugs on existing and new website components and features.
- Converted Photoshop designs into Vue and Quasar components, ensuring the preservation of UX and UI design integrity.

#### INTERNSHIP | August 2022 – November 2022

- Assisted in the documentation, ensuring accurate and up-to-date project documentation.
- Collaborated in writing Laravel Eloquent Models and API routes.
- Contributed to the development of application tests using PHPUnit, actively participating in the creation and execution of comprehensive test cases to ensure the reliability and robustness of the application.

## Education

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### University of Western Australia

Full Stack Web Development Certificate | February 2022 – August 2022

### Edith Cowan University

Bachelor of Science (Computer Science) | July 1998 – December 2021

## Personal Project

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### Football Stats Scraping and AI Prediction Project (Ongoing)

- Developing a system to scrape football statistics and store them in database.
- Using Node JS, Typescript, Express JS, Sequelize, MySQL, Playwright, Vue and Quasar.
- Planning to implement AI models for predicting which teams are in the best form using Python.