

NOAH RODRIGUEZ

SOFTWARE ENGINEER

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EDUCATION

Monash University, Clayton VIC

May 2025

- Bachelor of Information Technology (Software Development)
- Bachelor of Business (Banking and Finance)

PROFESSIONAL EXPERIENCE

Monash Health Radiology, Clayton VIC | PHP, Javascript, MySQL

July - Nov 2023

- Accomplished an overhaul of a full-stack radiology case platform serving 100+ active student users despite a 12-week delivery window using CakePHP, MySQL, and role-based CRUD workflows.
- Reduced case creation time by 70% despite complex clinical data requirements using an intuitive, form-driven UI with validation and streamlined workflows.
- Reduced case search time by ~85% despite hundreds of radiology cases using optimized queries, pagination, and intuitive filter controls.
- *Student Choice Award Winner*: Best Website & Most Visited Project competing against over 100 students

PROJECTS

ScrumBoys – Project Management Tool | Python, Javascript, SQLite

- Built a sprint and backlog management tool for 5–8 user Agile teams using Flask, enabling structured task tracking and changelog visibility.
- Reduced sprint progress reporting time by ~50–65% by replacing manual updates with automated burndown charts and visual dashboards,
- Improved accessibility for visually impaired users by implementing screen-reader compatibility and adjustable font sizing across the UI.

TeaLovers – E-Commerce Website | PHP, Javascript, MySQL

- Utilised CakePHP and MySQL to create an e-commerce website for selling a variety of teas, with custom filtering, sorting and shopping cart functionalities
- Implemented an admin CMS for managing inventory, orders and user account
- Designed flexible filtering and sorting workflows to improve product discovery and overall user experience.

EXTRACURRICULAR ACTIVITIES

Client Liaison – Monash Health Radiology

July – Nov 2023

- Acted as the primary point of contact between the development team and the client through weekly meetings over a span of 4 months, ensuring clear communication of system requirements and constant client involvement throughout the development stage.
- Accomplished on-time delivery of 100% of agreed features despite scope changes using prioritisation, sprint planning, and continuous client communication.

Tutor - St Albans Bowery Theatre

March – Nov 2019

- Volunteered as an after-school Math and English tutor for students from Grade 2-8

ADDITIONAL INFORMATION

- **Languages:** English, Tagalog
- **Programming Languages and Technologies:** Java, Javascript, PHP, Swift, HTML, CSS, React, CakePHP, Git, MongoDB, MySQL, TypeScript, CPanel, Python, AWS