

# WINSTON LAU

## JUNIOR SOFTWARE DEVELOPER



### PROFILE

Enthusiastic Software Developer with extensive Ruby on Rails internship and dedicated time spent on React JS for personal portfolio. Proven tech adaptability and cross-functional collaboration. Excellent logical problem solver with outstanding skimming, scanning and Googling skills.



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Sydney, Australia



<https://winstonsportfolio95.netlify.app/>



Full work rights with citizenship

### EXPERIENCE

#### **Intern Ruby on Rails Developer - Sherpa 09/2023 - Present**

1. Converted html.erb view templates into Phlex format, streamlining the view layer of the mailer. This transition optimised rendering performance and code maintainability, benefiting the development team. The project's successful completion improved the mailer's overall efficiency and set a foundation for future view development in Phlex.
2. Engaged in code reviews, standup meetings, and estimation sessions. Demonstrated problem-solving, including utilizing Postman for API testing, creating new code and spec tests, and optimizing workflows through code checks and communication with the QA team and product managers. Leveraged the K9s Dev environment for development processes, contributing to improved overall project efficiency.
3. Noticeable gems used and learnt: Phlex, Premailer, Hotwired/Stimulus, Rspec, factory\_bot, VCR, Active Admin, Flipper, Slim, Geocoder, PostGis, arel

#### **Assistant Accountant - Ethan Group 2018 - 2022**

1. Designed and implemented VBA macros for automating critical processes, facilitating the conversion of raw data from accounting software into meaningful financial reports within Microsoft Excel. This contribution significantly improved operational efficiency and the company continued to rely on the legacy system I established

### SKILLS / TECHNOLOGIES

Ruby on Rails - Javascript - HTML - CSS/SCSS - React - PostgreSQL  
Jira - BitBucket - Heroku - Netlify - Redux - Stripe - Firebase - K9s

### CERTIFICATIONS

AWS Certified Cloud Practitioner  
Certified Practising Accountant

### RECENT PROJECTS

**SANCBOK** <https://github.com/loudringphone/sancbook> Social media platform Ruby on Rails | postgresSQL | SCSS  
CRUD systems using Ruby on Rails and PostgreSQL; Gon, Nokogiri, Cloudinary, Google search API & etc; Instant messaging with Ajax

**VIDEO STORE** <https://videostore.netlify.app/> eCommerce App React | Firebase | Stripe | Redux  
Cart, wishlist and search box using Redux; Stripe payment client and server integration; Webhooks and Firebase Cloud Functions

**WINSON'S BLOG** <https://winstonsblog.netlify.app/> Blog Editor React | Firebase | Quill | Chakra UI  
Can be used as Headless CMS; Quill custom image handler; Please come and read my articles there!

**SPARK STUDIO** <https://sparkstudio.netlify.app/> Product development agency React | Firebase | Redux  
For the General Assembly Australia's Collab-athon over the weekend from 30 Jun to 2 July 2023; Collaborated with other software developers and UX designers

**MINIIMAX DEMONSTRATION** <https://lnkd.in/gkRMC4gy> <https://lnkd.in/grVGggV6> Algorithm in AI Javascript | Ruby  
Alpha-beta pruning; Board evaluation; Search depth

### EDUCATION

**Bachelor of Commerce - Professional Accounting 2010 - 2012**  
Macquarie University  
Graduate speaker (GPA 3.8 out of 4.0)

**Software Engineering Immersive 2023**  
General Assembly