

Karl Langer

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Professional Experience

Goal-driven Full-Stack Web Developer with a background in Physiotherapy, adept in problem-solving, critical thinking, and client communication. Eager to apply transferable skills and passion for technology to deliver impactful solutions in web development.

Projects

Route Optimisation Tool | App - Javascript, CSS, jQuery, Bulma, Leaflet - [GitHub](#)

- Integrated third-party APIs to create an interactive travel route planner tool with dynamic map generation and data presentation.
- Developed map features using Leaflet, enhancing user experience with markers, popups, and polylines.

Snack Review Platform | App - Javascript, Tailwind, SQL, Sequelize, Handlebars - [Heroku](#)

- Created a Fullstack application where users can sign up and post, review, like, save and add snacks found in their country for other users around the world to see.
- Implemented the backend using NodeJS with Sequelize and MySQL for database management.

Resume Generator — <https://symphonious-croquemouche-22f73e.netlify.app>

- Developed an application to assist with generating a resume using template input groups.
- Created components for reusable UI elements throughout the application
- Utilized state hooks to save user input and pass key values as props.

Education

Web Development Bootcamp | Adelaide University - December 2023 - May 2024

- Maintained a 99% average across all challenges and group projects

Bachelor of Physiotherapy | University of South Australia - March 2017 - December 2020

Technical Skills

Languages and Frameworks

HTML, CSS, Tailwind, Javascript, React, Node.js, Express, SQL, MongoDB

Professional Experience

AvantiCare, Kent Town - Team Leader / Physiotherapist - September 2022 - PRESENT

- Promoted to a position of team leader which includes managing KPIs, organising personal development opportunities and mentoring a team of Physiotherapists
- Given a position of responsibility as a Head Physiotherapist at Lutheran Homes Group in Glynde, managing Physiotherapy services, care plans and staff wellness.
- Continued practice as a Physiotherapist across Community, Residential and Clinical care.

Core Physiotherapy and Pilates, Plympton — Physiotherapist - January 2021 - September 2022

- Managed caseload of Private Practice clients with diverse Musculoskeletal issues, demonstrating strong analytical skills, time management, and consistent outcome tracking, alongside effective client education in complex Musculoskeletal conditions.