

Kieran Spanner

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Located: 416 Wallington Rd, Wallington, Victoria

Career Objectives

Motivated and detailed-oriented Web Developer seeking to contribute innovative, responsive, and performance driven websites at Detras Web Solutions. With hands-on experience in HTML, CSS, JavaScript, React.js and a strong foundation in cloud technologies, I am excited to collaborate with teams to deliver engaging user experiences for a diverse client base.

Projects

AWS Image Storage Project

- Designed a secure, scalable AWS architecture with VPC, subnets, and IAM roles.
- Developed a PHP-based web application with S3 storage and RDS-backed metadata management.
- Automated image processing using Lambda Functions and implemented Auto Scaling for improved reliability and performance.

House Price Prediction System

- Designed a machine learning model using scikit-learn for house price prediction with hyperparameter tuning and data preprocessing.
- Built a FastAPI-based server and integrated it with a React.js front-end for real-time predictions.
- Deployed the system with Docker for scalability and platform independence.

Key Skills and Strength

Programming Languages

- JavaScript and TypeScript
- Solidity
- C++
- PHP

Frameworks & Libraries

- Front-End: React.js
- Back-End: Node.js
- Machine Learning: scikit-learn, PyTorch
- Data Analysis: Pandas, NumPy, Matplotlib

Cloud & Developer Tools

- Amazon Web Services (AWS)
- Google Cloud Platform (GCP)
- Docker
- Git & GitHub

Database Management

- Relational Databases: MySQL, PostgreSQL
- Database Design: SQL Queries, Table Design

Data Science & Machine Learning

- Predictive Modelling & Forecasting
- Data Processing & Feature Engineering
- Deep Learning
- Model Evaluation & Performance Tuning

Employment History

Lifestyles Team Member – Bunnings Leopold

2019 To Present

Responsibilities:

Provide customer service

Leading and mentoring new team members

Beach Lifeguarding

2021 To 2022

Responsibilities:

Maintain beach safety through monitoring and timely emergency response

Collaborate with team to enforce rules and ensure a secure, enjoyable environment

Awards:

Pool Lifeguard Certificate, ART, Advanced First Aid, Resuscitation, Gold Medallion, IRB Crew, Silver Medallion Beach Management, and Radio Operator Certificate

Community Service

Riding for the Disabled

2016 To Present

Responsibilities:

Assisting in a hippotherapy program which provides a treatment for children and young adults through utilizing the movement of the horse.

Ocean Grove and 13th Beach Surf Life Saving Club

2016 To Present

Responsibilities:

Vice-Captain of volunteer patrol group

Awards:

Best Patrol group for the 2018 and 2019 season

Mac and Joe's**2019 To 2021**

Responsibilities:

Cooking meals for palliative care patients at home patients and their families

Breakfast Club**2019 To 2021**

Responsibilities:

Delivering meals to those in need around Geelong in partnership with St Vinnies and the Geelong Food Bank

Education**Tertiary Education – Studying Computer Science at Swinburne University****2022 To Present**

Majoring in Artificial Intelligence and Internet of Things

Expected Completion: November 2025

Awards3rd in the IRB Rescue at the 2024 World Surf Life Saving Championships**Reference**

References Upon Request