

Wai Ho Vong

Software Engineer

waihovong[at]gmail[dot]com

Software Engineer with professional experience in designing and developing web applications using .NET and C#. Passionate about problem solving and developing innovative solutions, seeking to enhance my technical skills by contributing to impactful projects and delivering reliable software.

EXPERIENCE

G'Day Group - Discovery Holiday Parks

Nov. 2021 – April 2024

Software Engineer

Adelaide, SA

- Developed a nationwide internal booking system for over 25 parks, serving over 100 guests daily per park, enabling faster booking creation and greater flexibility in modifying reservations.
- Led the development of reusable Blazor components and established a shared library, standardizing and streamlining frontend development, resulting in a 20% increase in development efficiency.
- Utilized a Seq-based logging system to quickly identify bugs, trace issues and capture user metrics for optimizing development and reporting.
- Contributed to uplifting legacy code from .NET Framework to .NET 7 to enhance application performance, increase maintainability and compatibility with modern technologies.
- Maintained and expanded internal Property Management System APIs. Developed new endpoints according to business and stakeholder design requirements.
- Provided production support by diagnosing issues and implementing hotfixes, demonstrating strong troubleshooting skills to minimize downtime during critical incidents.
- Actively collaborated with a business analyst to gather technical requirements, ensuring alignment of features and specifications with business goals and user needs.

Discovery Holiday Parks

April 2021 – Nov. 2021

Graduate IT Developer

Adelaide, SA

- Created and redesigned frontend information dashboards. Developed dynamic forms and inputs that streamlined user validation and submissions.
- Integrated frontend components with backend APIs to enable dynamic data retrieval and enhance user interactions.
- Created a dashboard page to monitor the latest guest arrivals and facilitate an easy bulk check-in and check-out process, enhancing productivity by providing a user-friendly interface.
- Identified and resolved JavaScript errors on recently acquired websites, restoring the booking system across 2 websites to ensure a production-ready deployment.

PERSONAL PROJECTS

Formula 1 Tech

May 2024

Formula 1 Race Dashboard

- Built a frontend web application with Blazor using Ergast Developer API and OpenF1 API.
- Designed and developed a dashboard to display drivers' standings and previous race results.
- Enabled visualisation of race pace comparisons between drivers using interactive graphs.

EDUCATION

Bachelor of Computer Science (Cyber Security)

Adelaide, South Australia

The University of Adelaide

TECHNICAL SKILLS

.NET | C# | Blazor | Razor | jQuery | Serilog