Kaiden Nguyen

Adelaide | 0405660958 | kaiden.nguyen202@gmail.com | Web Portfolio | LinkedIn | GitHub

PROFILE

A software engineer with 2 years of experience specializing in scalable, cloud-integrated web applications. Proficient in .Net backend and modern JavaScript frameworks, with expertise in AWS cloud infrastructure. Experienced across the full development lifecycle, from API design to deployment optimization and responsive interface implementation.

EDUCATION

The University of Adelaide   Mar 2021 – July 2025
Bachelor of Computer Science (Data Science)

EXPERIENCE

SOFTWARE ENGINEER   Sep 2024 — Present
Jung Talents   *Adelaide*
- Collaborated in team on the migration of a high-traffic commercial website from .NET 8 to .NET 9, contributing to 20% improved efficiency and 25% reduced latency, enhancing customer experience and system reliability.
- Conducted comprehensive codebase analysis, designed unit test cases, and developed test plans for a commercial education platform, ensuring robust handling of complex user scenarios for both customers and platform employees
- Participated in the end-to-end deployment of several full-stack .NET web applications, integrating multiple frontend frameworks and AWS cloud services to ensure scalability, security, and seamless performance.

CREW MEMBER   August 2021 – Present
McDonalds   *Adelaide*
- Partnered with team members to deliver efficient and high-quality food service, ensuring timely order delivery and customer satisfaction.
- Coordinated with colleagues to prepare food items and manage ingredient inventory, maintaining optimal stock levels for smooth operations.
- Upheld strict kitchen hygiene and food safety standards in compliance with regulations and company protocols.

PROJECTS

FIZZBUZZ WEB APP| GitHub | *C#, .NET, JavaScript, Vite, Docker, xUnit, Jest, AWS*   April 2025
- Developed a FizzBuzz web app featuring both default and customizable game modes, with comprehensive unit tests for frontend and backend
- Built backend using .NET; frontend with Vite-powered JavaScript. Supported local and Docker deployment
- Designed a robust AWS architecture emphasizing high availability, security, and scalability to meet stakeholder requirements and support future expansion

LIBRARY MANAGEMENT SYSTEM | GitHub |*C#, SQL, Excel, Javascript, HTML, AWS*   Sep 2024
- A library management system allows users to search for books, and CDs
- Created user-friendly web interface allowing users to register an account, borrow books, and return them
- Architected a highly available and scalable cloud infrastructure capable of handling high traffic and supporting future growth.

DIABETES PREDICTION WEB | GitHub | *Python, Flask, Scikit-learn, Pandas, HTML, JSON*   Dec 2024
- Analysed data, trained model, tuned hyper-parameters to obtain optimal model to predict if patient has diabetes. Created a web interface allowing users to input patients data for prediction

TECHNICAL SKILLS

Languages: Python, C#, C++, SQL (Postgres), JavaScript, HTML/CSS
Frameworks: React, ASP.Net Core, MVP Core, Node.js, Flask, Next.js, JSON, Vite
Developer Tools: Docker, Git, VS Code, AWS, JIRA, Confluence

CERTIFICATES — SKILLS

AWS Solution Architect Associate: Validation code - fd6bb2ec47af4bc9949d1a59ca1ebd0b
AWS Cloud Practitioner: Validation code - 80e5166ceff14b0aa65d0609826ff461
Languages: English, Vietnamese, Mandarin