

Kaiden Nguyen

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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.

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. Supported both 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 with user-friendly and robust web interface
- Architected a highly available and scalable cloud infrastructure 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 for diabetes diagnosis. Created a web interface allowing users to input patients data for prediction

TECHNICAL SKILLS

Languages & OS: C#, .NET Core, ASP.Net, MVP Core, Python, JavaScript/TypeScript, SQL (MSSQL, Postgres), C++, Bash, Linux

Cloud & DevOps: AWS (EC2, S3, RDS, Lambda, IAM, CloudWatch, SQS, SNS), Docker, Terraform, CI/CD

Platform & Reliability: Distributed systems, API integrations (REST, GraphQL), event-driven architecture, monitoring, automation

Frameworks & Tools: React, Next.js, Node.js, Flask, Vite, Git, xUnit, Jest, VS Code

Collaboration: Agile/Scrum, Jira, Confluence, documentation & stakeholder communication

CERTIFICATES — SKILLS

AWS Solution Architect Associate: Validation code - fd6bb2ec47af4bc9949d1a59ca1ebd0b

AWS Cloud Practitioner: Validation code - 80e5166ceff14b0aa65d0609826ff461

EDUCATION

The University of Adelaide

Mar 2021 – July 2025

Bachelor of Computer Science (Data Science)